# 1893

## Historical Happenings

January 4 — Washington, D.C.
In a conciliatory move toward the Mormon Church, the government offers amnesty to all polygamist, providing they respect future laws against it.

March 4 — Washington, D.C.
Grover Cleveland, who was also 22nd President was inaugurated as the 24th President of the United States.

March 27 — Boston, Massachusetts
The first long-distance call was made today with branch managers of the American Bell Telephone Company in Boston and New York exchanging remarks. "The words were heard as perfectly as though the speakers were standing close by" says an account in the *Boston Journal.*

April 6 — New Orleans, Louisiana
The longest bout in the history of boxing was held today between Andy Bowen and Jack Burke. The event ended, with no winner, after seven hours and 19 minutes.

June 21 — New Bedford, Massachusetts
**Lizzie Borden Freed**
"Lizzie Borden took an ax and gave her mother 40 whacks….." The children's rhyme may last forever, but the accused murderer's trial ended today. After two weeks of testimony, Miss Borden has been acquitted of the killing of her father and stepmother. There are no more suspects in the small town of Fall River besides Lizzie, who at 32 is unmarried and stands to inherit her father's fortune.

September 16 — Oklahoma Territory
Opening of six million acres of Cherokee land causes rush of over 100,000 white settlers.

# AGE CHART /GEORGE WADSWORTH'S FAMILY

| YEAR | GEORGE W. | EMELINE M. | ELMER | ALVAH |
|---|---|---|---|---|
| | | | BORN NOV. 7, 1862 | BORN APRIL 19, 1867 |
| 1857 | 21 | | | |
| 1858 | 22 | 16 | | |
| 1859 | 23 | 17 | | |
| 1860 | 24 | 18 | | |
| 1861 | 25 | 19 | | |
| 1862 | 26 | 20 | | |
| 1863 | 27 | 21 | 1 | |
| 1864 | 28 | 22 | 2 | |
| 1865 | 29 | 23 | 3 | |
| 1866 | 30 | 24 | 4 | |
| 1867 | 31 | 25 | 5 | |
| 1868 | 32 | 26 | 6 | 1 |
| 1869 | 33 | 27 | 7 | 2 |
| 1870 | 34 | 28 | 8 | 3 |
| 1871 | 35 | 29 | 9 | 4 |
| 1872 | 36 | 30 | 10 | 5 |
| 1873 | 37 | 31 | 11 | 6 |
| 1874 | 38 | 32 | 12 | 7 |
| 1875 | 39 | 33 | 13 | 8 |
| 1876 | 40 | 34 | 14 | 9 |
| 1877 | 41 | 35 | 15 | 10 |
| 1878 | 42 | 36 | 16 | 11 |
| 1879 | 43 | 37 | 17 | 12 |
| 1880 | 44 | 38 | 18 | 13 |
| 1881 | 45 | 39 | 19 | 14 |
| 1882 | 46 | 40 | 20 | 15 |
| 1883 | 47 | 41 | 21 | 16 |
| 1884 | 48 | DIED OCT 12, 1882 | 22 | 17 |
| 1885 | 49 | PHTHISIS | 23 | 18 |
| 1886 | 50 | 41 YRS | 24 | 19 |
| 1887 | 51 | 6 MOS. | 25 | 20 |
| 1888 | 52 | 18 DAYS | 26 | 21 |
| 1889 | 53 | | 27 | 22 |
| 1890 | 54 | | 28 | 23 |
| 1891 | 55 | | 29 | 24 |
| 1892 | 56 | | 30 | 25 |
| **1893** | **57** | | **31** | **26** |
| 1894 | 58 | | 32 | 27 |
| | Died July 8, 1907 | | Died July 14, 1917 | |
| | Pernicious Anemia | | Pleuritis | |

Age Chart created by Susan L. Rice

# AGE CHART OF JOSEPH WADSWORTH'S FAMILY

| YEAR | JOS H. BORN 1826 | ABBIE (MEDCALF) BORN 2/19/35 | ABBIE J. B.10/2/1858 | FRANK J. B. 4/17/1861 | EMMA A. (YOUNG) BORN 7/12/1864 | WILLIAM L. | MARTHA E. | EVA L. |
|---|---|---|---|---|---|---|---|---|
| 1857 | MARRIED 31 | MARRIED 22 | | | | | | |
| 1858 | 32 | 23 | | | | Born | Born | Town Records |
| 1859 | 33 | 24 | 1 | | | 12/5/1866 | 1870 | Born |
| 1860 | 34 | 25 | 2 | | | | | 3/29/1877 |
| 1861 | 35 | 26 | 3 | | | | | |
| 1862 | 36 | 27 | 4 | 1 | | | | |
| 1863 | 37 | 28 | 5 | 2 | | | | |
| 1864 | 38 | 29 | 6 | B. 4/17/1861 | | | | |
| 1865 | 39 | 30 | 7 | D. 9/17/1863 | 1 | | | |
| 1866 | 40 | 31 | 8 | 2 YRS 5 MOS. | 2 | | | |
| 1867 | 41 | 32 | 9 | On Tombstone | 3 | 1 | | |
| 1868 | 42 | 33 | 10 | | 4 | 2 | | |
| 1869 | 43 | 34 | 11 | | 5 | 3 | | |
| 1870 | 44 | 35 | 12 | | 6 | 4 | | |
| 1871 | 45 | 36 | 13 | | 7 | 5 | 1 | |
| 1872 | 46 | 37 | 14 | | 8 | 6 | 2 | |
| 1873 | 47 | 38 | 15 | | 9 | 7 | 3 | |
| 1874 | 48 | 39 | 16 | | 10 | 8 | 4 | |
| 1875 | 49 | 40 | 17 | | 11 | 9 | 5 | |
| 1876 | 50 | 41 | 18 | | 12 | 10 | 6 | |
| 1877 | 51 | 42 | 19 | | 13 | 11 | 7 | |
| 1878 | 52 | 43 | 20 | | 14 | 12 | 8 | 1 |
| 1879 | 53 | 44 | 21 | | 15 | 13 | 9 | 2 |
| 1880 | 54 | 45 | 22 | | 16 | 14 | 10 | 3 |
| 1881 | 55 | 46 | 23 | | 17 | 15 | 11 | 4 |
| 1882 | 56 | 47 | 24 | | 18 | 16 | 12 | 5 |
| 1883 | 57 | 48 | 25 | | 19 | 17 | 13 | 6 |
| 1884 | 58 | 49 | 26 | | 20 | 18 | 14 | 7 |
| 1885 | 59 | 50 | 27 | | 21 | 19 | 15 | 8 |
| 1886 | 60 | 51 | 28 | | 22 | 20 | 16 | 9 |
| 1887 | 61 | 52 | 29 | | 23 | 21 | 17 | 10 |
| 1888 | 62 | 53 | 30 | | 24 | 22 | 18 | 11 |
| 1889 | 63 | 54 | 31 | | 25 | 23 | 19 | 12 |
| 1890 | 64 | 55 | 32 | | 26 | 24 | 20 | 13 |
| 1891 | Died | 56 | 33 | | 27 | 25 | 21 | 14 |
| 1892 | 11/21/90 | 57 | 34 | | 28 | 26 | 22 | 15 |
| **1893** | HEART DISEASE 64YR 5 M 23 D | **58** | **35** | | **29** | **27** | **23** | **16** |
| 1894 | | 59 | 36 | | 30 | 28 | 24 | 17 |
| 1895 | | 60 | 37 | | 31 | Town Records | 25 | 18 |
| 1896 | | 61 | 38 | | 32 | Died | 26 | 19 |
| 1897 | | 62 | 39 | | 33 | 1/15/94 | 27 | 20 |
| 1898 | | 63 | 40 | | 34 | HYPERTROPHY OF HEART | 28 | 21 |

Age Chart created by Susan L. Rice

# THE STANDARD DIARY

PUBLISHED FOR THE TRADE

X T

Geo M. Walworth
So Franklin
Mass

# CALENDAR.

## 1893.

| JAN. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | .. | .. | .. |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| | 29 | 30 | 31 | .. | .. | .. | .. |

| FEB. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | 1 | 2 | 3 | 4 |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 26 | 27 | 28 | .. | .. | .. | .. |

| MAR. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | 1 | 2 | 3 | 4 |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 26 | 27 | 28 | 29 | 30 | 31 | .. |

| APRIL. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | .. | .. | 1 |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | 30 | .. | .. | .. | .. | .. | .. |

| MAY. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | 1 | 2 | 3 | 4 | 5 | 6 |
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| | 28 | 29 | 30 | 31 | .. | .. | .. |

| JUNE. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | 1 | 2 | 3 |
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 25 | 26 | 27 | 28 | 29 | 30 | .. |
| | .. | .. | .. | .. | .. | .. | .. |

| JULY. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | .. | .. | 1 |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | 30 | 31 | .. | .. | .. | .. | .. |

| AUG. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | 1 | 2 | 3 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | 27 | 28 | 29 | 30 | 31 | .. | .. |

| SEPT. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | .. | 1 | 2 |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| | .. | .. | .. | .. | .. | .. | .. |

| OCT. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| | 29 | 30 | 31 | .. | .. | .. | .. |

| NOV. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | 1 | 2 | 3 | 4 |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 26 | 27 | 28 | 29 | 30 | .. | .. |

| DEC. | Sun. | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|---|---|---|---|---|---|---|
| | .. | .. | .. | .. | .. | 1 | 2 |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| | 31 | .. | .. | .. | .. | .. | .. |

## INTEREST TABLE.

### FOUR PER CENT.

| Time. | $1 | $2 | $3 | $4 | $5 | $6 | $7 | $8 | $9 | $10 | $100 | $1000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Dy. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 11 |
| 3 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ½ | 3½ | 33 |
| 5 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ½ | ½ | ½ | 5½ | 56 |
| 10 " | 0 | 0 | 0 | ½ | ½ | ½ | 1 | 1 | 1 | 1 | 11 | 1 11 |
| 1 Mo. | 0 | ½ | 1 | 1½ | 1½ | 2 | 2½ | 2½ | 3 | 3½ | 33 | 3 33 |
| 2 " | ½ | 1½ | 2 | 2½ | 3½ | 4 | 4½ | 5½ | 6 | 6½ | 67 | 6 67 |
| 3 " | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 00 | 10 00 |
| 4 " | 1½ | 2½ | 4 | 5½ | 6½ | 8 | 9½ | 10½ | 12 | 13½ | 1 33 | 13 33 |
| 6 " | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 2 00 | 20 00 |
| 9 " | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 3 00 | 30 00 |
| 1 Yr. | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 4 00 | 40 00 |

### FIVE PER CENT.

| Time. | $1 | $2 | $3 | $4 | $5 | $6 | $7 | $8 | $9 | $10 | $100 | $1000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Dy. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 |
| 3 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 42 |
| 5 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 7 | 69 |
| 10 " | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1½ | 14 | 1 39 |
| 1 Mo. | ½ | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 42 | 4 17 |
| 2 " | 1 | 1½ | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 83 | 8 33 |
| 3 " | 1 | 2½ | 4 | 5 | 6 | 8 | 9 | 10 | 11 | 13 | 1 25 | 12 50 |
| 4 " | 1½ | 3 | 5 | 7 | 8 | 10 | 12 | 13 | 15 | 17 | 1 67 | 16 67 |
| 6 " | 2½ | 5 | 8 | 10 | 13 | 15 | 18 | 20 | 23 | 25 | 2 50 | 25 00 |
| 9 " | 3¾ | 7½ | 11 | 15 | 19 | 23 | 26 | 30 | 34 | 38 | 3 75 | 37 50 |
| 1 Yr. | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 5 00 | 50 00 |

### SIX PER CENT.

| Time. | $1 | $2 | $3 | $4 | $5 | $6 | $7 | $8 | $9 | $10 | $100 | $1000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Dy. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 |
| 3 " | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 50 |
| 5 " | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 8 | 83 |
| 10 " | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 17 | 1 67 |
| 1 Mo. | ½ | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 50 | 5 00 |
| 2 " | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 00 | 10 00 |
| 3 " | 1½ | 3 | 5 | 6 | 8 | 9 | 11 | 12 | 14 | 15 | 1 50 | 15 00 |
| 4 " | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 2 00 | 20 00 |
| 6 " | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 3 00 | 30 00 |
| 9 " | 4½ | 9 | 14 | 18 | 23 | 27 | 32 | 36 | 41 | 45 | 4 50 | 45 00 |
| 1 Yr. | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 6 00 | 60 00 |

## RATE OF INCOME ON STOCKS.

Purchased at the following prices, (par value being $100), and bearing interest at the following rates.

| Paid. | 3% | 4% | 5% | 6% | 7% | 8% | 9% | 10% |
|---|---|---|---|---|---|---|---|---|
| $50 | 6 00 | 8 00 | 10 00 | 12 00 | 14 00 | 16 00 | 18 00 | 20·00 |
| 55 | 5 45 | 7 27 | 9 09 | 10 90 | 12 72 | 14 55 | 16 36 | 18 18 |
| 60 | 5 00 | 6 67 | 8 33 | 10 00 | 11 66 | 13 33 | 15 00 | 16 16 |
| 65 | 4 62 | 6 15 | 7 69 | 9 23 | 10 76 | 12 30 | 13 85 | 15 38 |
| 70 | 4 28 | 5 71 | 7 14 | 8 57 | 10 00 | 11 42 | 12 85 | 14 28 |
| 75 | 4 00 | 5 33 | 6 66 | 8 00 | 9 33 | 10 66 | 12 00 | 13 35 |
| 80 | 3 75 | 5 00 | 6 25 | 7 50 | 8 75 | 10 00 | 11 25 | 12 50 |
| 85 | 3 53 | 4 70 | 5 88 | 7 05 | 8 23 | 9 41 | 10 58 | 11 76 |
| 90 | 3 33 | 4 44 | 5 55 | 6 66 | 7 77 | 8 88 | 10 00 | 11 11 |
| 91 | 3 30 | 4 40 | 5 49 | 6 59 | 7 69 | 8 79 | 9 89 | 10 99 |
| 92 | 3 26 | 4 34 | 5 43 | 6 52 | 7 60 | 8 70 | 9 78 | 10 87 |
| 93 | 3 23 | 4 30 | 5 38 | 6 45 | 7 53 | 8 60 | 9 68 | 10 75 |
| 94 | 3 19 | 4 26 | 5 32 | 6 38 | 7 45 | 8 51 | 9 57 | 10 64 |
| 95 | 3 15 | 4 21 | 5 26 | 6 31 | 7 36 | 8 42 | 9 47 | 10 52 |
| 96 | 3 13 | 4 17 | 5 21 | 6 25 | 7 29 | 8 33 | 9 38 | 10 42 |
| 97 | 3 09 | 4 12 | 5 15 | 6 18 | 7 22 | 8 25 | 9 28 | 10 30 |
| 98 | 3 06 | 4 08 | 5 10 | 6 12 | 7 14 | 8 16 | 9 18 | 10 20 |
| 99 | 3 03 | 4 04 | 5 05 | 6 06 | 7 07 | 8 08 | 9 09 | 10 10 |
| 101 | 2 97 | 3 96 | 4 95 | 5 94 | 6 93 | 7 92 | 8 91 | 9 90 |
| 102 | 2 94 | 3 92 | 4 90 | 5 88 | 6 86 | 7 84 | 8 82 | 9 80 |
| 103 | 2 91 | 3 88 | 4 85 | 5 83 | 6 80 | 7 77 | 8 74 | 9 71 |
| 104 | 2 88 | 3 85 | 4 81 | 5 77 | 6 73 | 7 69 | 8 65 | 9 62 |
| 105 | 2 86 | 3 80 | 4 76 | 5 71 | 6 66 | 7 61 | 8 57 | 9 52 |
| 106 | 2 83 | 3 77 | 4 72 | 5 66 | 6 60 | 7 55 | 8 49 | 9 43 |
| 107 | 2 80 | 3 74 | 4 67 | 5 61 | 6 54 | 7 48 | 8 41 | 9 35 |
| 108 | 2 78 | 3 70 | 4 63 | 5 56 | 6 48 | 7 41 | 8 33 | 9 26 |
| 109 | 2 75 | 3 67 | 4 59 | 5 50 | 6 42 | 7 34 | 8 26 | 9 17 |
| 110 | 2 72 | 3 63 | 4 54 | 5 45 | 6 36 | 7 27 | 8 18 | 9 09 |
| 115 | 2 60 | 3 48 | 4 34 | 5 21 | 6 08 | 6 95 | 7 83 | 8 69 |
| 120 | 2 50 | 3 33 | 4 16 | 5 00 | 5 83 | 6 66 | 7 50 | 8 33 |
| 130 | 2 30 | 3 07 | 3 84 | 4 61 | 5 38 | 6 15 | 6 92 | 7 69 |
| 140 | 2 14 | 2 86 | 3 57 | 4 28 | 5 00 | 5 71 | 6 43 | 7 14 |
| 150 | 2 00 | 2 67 | 3 33 | 4 00 | 4 66 | 5 33 | 6 00 | 6 66 |
| 160 | 1 88 | 2 50 | 3 12 | 3 75 | 4 38 | 5 00 | 5 62 | 6 25 |
| 170 | . . | . . | . . | 3 53 | 4 12 | 4 70 | 5 29 | 5 88 |
| 180 | . . | . . | . . | 3 33 | 3 88 | 4 44 | 5 00 | 5 55 |
| 190 | . . | . . | . . | 3 16 | 3 68 | 4 21 | 4 74 | 5 26 |
| 200 | . . | . . | . . | 3 00 | 3 50 | 4 00 | 4 50 | 5 00 |

# WEIGHTS AND MEASURES.

## MEASURE OF LENGTH.

| | | | |
|---|---|---|---|
| 4 In. make 1 Hand. | | 3 Feet make 1 Yard. | |
| 7.92 In. " 1 Link. | | 5½ Yds " 1 Rod or Pole | |
| 18 In. " 1 Cubit. | | 40 Poles " 1 Furlong. | |
| 12 In. " 1 Foot. | | 8 Fur. " 1 Mile. | |
| 6 Ft. " 1 Fathom. | | 69 1-6 Miles make 1 Degree. | |

60 Geographical Miles make 1 Degree.

1760 Yards } = 1 Mile.
5280 Feet }

## MEASURE OF SURFACE.

144 Square Inches make 1 Square Foot.
9 Square Feet " 1 Square Yard.
30¼ Square Yards " 1 Rod, Perch or Pole.
40 Square Rods " 1 Square Rood.
4 Square Roods " 1 Square Acre.
10 Square Chains " 1 Square Acre.
640 Square Acres " 1 Square Mile.
Gunter's Chain equal to 22 Yards or 100 Links.
272¼ Square Feet make 1 Square Rod.
43,560 Square Feet " 1 Acre.

## MEASURE OF SOLIDITY.

1728 Cubic Inches make 1 Cubic Foot.
27 Cubic Feet " 1 Cubic Yard.

## AVOIRDUPOIS WEIGHT.

27⅓ Grains make 1 Drachm (dr.) or 27⅓ Grains.
16 Drachms " 1 Ounce (oz.) or 437½ "
16 Ounces " 1 Pound (lb.) or 7000 "
28 Pounds " 1 Quarter (qr.)
4 Quarters " 1 Hundred-Weight (cwt.)
20 Cwts. " 1 Ton.
2240 Pounds " 1 Ton.

## TROY WEIGHT.

24 Grains make 1 Pennyweight, or 24 Grains.
20 Pennywts. " 1 Ounce, or 480 "
12 Ounces " 1 Pound, or 5760 "

## APOTHECARIES' WEIGHT.

| | |
|---|---|
| 20 Grains make 1 Scruple. | 8 Drachms make 1 Ounce. |
| 3 Scruples " 1 Drachm. | 12 Ounces " 1 Pound. |

## DIAMOND WEIGHT.

16 Parts make 1 Grain (4-5ths Grain Troy.)
4 Grains " 1 Carat (3 1-5th Grains Troy.)

## LIQUID MEASURE.

| | |
|---|---|
| 4 Gills make 1 Pint. | 31½ Gallons make 1 Barrel. |
| 2 Pints " 1 Quart. | 54 Gallons " 1 Hhd. |
| 4 Quarts " 1 Gallon. | 252 Gallons " 1 Tun. |

## DRY MEASURE.

| | |
|---|---|
| 8 Quarts make 1 Peck. | 8 Bushels make 1 Quarter. |
| 4 Pecks " 1 Bushel. | 36 Bushels " 1 Chaldron. |

1 Bushel equal to 2150.42 cubic inches.

# WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

| States. | Barley. | Buckwheat. | Coal. | Corn, shel'd | Corn Meal. | Onions. | Oats. | Potatoes. | Rye. | Wheat. | Salt. | Turnips. | Beans, wh. | Clover S'd. | Timothy. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | 48 | 48 | .. | 56 | 50 | 52 | 30 | 60 | .. | 60 | .. | 50 | 64 | .. | .. |
| N. Hampshire | .. | .. | .. | 56 | 50 | .. | 30 | 60 | 56 | 60 | .. | .. | 60 | .. | .. |
| Vermont | 48 | 48 | .. | .. | .. | .. | 32 | 60 | 56 | 60 | 70 | . | 64 | 60 | 42 |
| Massachusetts | 48 | 48 | .. | 56 | 50 | 52 | 32 | 60 | 56 | 60 | .. | .. | .. | .. | .. |
| Connecticut | .. | 45 | .. | 56 | .. | .. | 32 | 60 | 56 | 56 | .. | .. | .. | .. | .. |
| New York | 48 | 48 | . | 58 | .. | .. | 32 | 60 | 56 | 60 | .. | .. | 62 | 60 | 44 |
| New Jersey | 48 | 50 | .. | 56 | .. | .. | 30 | 60 | 56 | 60 | .. | .. | .. | 64 | .. |
| Pennsylvania | 47 | 48 | .. | 56 | .. | .. | 30 | 56 | 56 | 60 | 85 | .. | .. | 62 | .. |
| Delaware | .. | .. | .. | 56 | .. | .. | .. | .. | .. | 60 | .. | .. | .. | .. | .. |
| Maryland | 48 | 48 | .. | 56 | .. | 57 | 32 | 60 | 56 | 60 | 56 | .. | 62 | 64 | 45 |
| Dist. Columbia | 47 | 48 | .. | 56 | 48 | 57 | 32 | 56 | 56 | 60 | 50 | 55 | 62 | 60 | 45 |
| Virginia | 48 | 48 | .. | 56 | 50 | .. | 32 | 60 | 56 | 60 | .. | 56 | 60 | 64 | 45 |
| West Virginia | 48 | 52 | 80 | 56 | 48 | .. | 32 | 60 | 56 | 60 | .. | 60 | 60 | 60 | 45 |
| North Carolina | 48 | 50 | .. | 54 | 46 | .. | 30 | .. | 56 | 60 | .. | .. | .. | 64 | .. |
| South Carolina | 48 | 56 | 80 | 56 | 50 | 57 | 33 | 60 | 56 | 60 | 50 | .. | 60 | 60 | .. |
| Georgia | 40 | .. | 80 | 56 | 48 | 57 | 35 | 56 | .. | 60 | 56 | .. | .. | 60 | 45 |
| Louisiana | 32 | .. | .. | 56 | .. | .. | 32 | .. | .. | 60 | .. | .. | .. | .. | .. |
| Arkansas | 48 | 52 | 80 | 56 | 50 | 57 | 32 | 60 | 56 | 60 | 50 | .. | 60 | 60 | 45 |
| Tennessee | 48 | 50 | .. | 56 | 50 | 56 | 32 | 60 | 56 | 60 | .. | .. | 60 | .. | 45 |
| Kentucky | 48 | 52 | .. | 56 | 50 | 57 | 33 | 56 | 56 | 60 | 50 | .. | 60 | 60 | 45 |
| Ohio | 48 | 50 | .. | 56 | .. | .. | 32 | 60 | 56 | 60 | .. | .. | 60 | 60 | 45 |
| Michigan | 48 | 48 | 80 | 56 | .. | 54 | 32 | 60 | 56 | 60 | 56 | 58 | 60 | 60 | 45 |
| Indiana | 48 | 50 | 70 | 56 | 50 | 48 | 32 | 60 | 56 | 60 | 50 | .. | 60 | 60 | .. |
| Illinois | 48 | 52 | .. | 56 | 48 | 57 | 32 | 60 | 56 | 60 | 50 | .. | 60 | 60 | .. |
| Wisconsin | 48 | 50 | .. | 56 | .. | .. | 32 | 60 | 56 | 60 | .. | .. | .. | 60 | .. |
| Minnesota | 48 | 42 | .. | 56 | .. | .. | 32 | 60 | 56 | 60 | .. | .. | .. | 60 | .. |
| Iowa | 48 | 52 | .. | 56 | .. | 57 | 33 | 60 | 56 | 60 | 50 | .. | 60 | 60 | 45 |
| Missouri | 48 | 52 | .. | 56 | .. | 57 | 32 | 60 | 56 | 60 | 50 | .. | 60 | 60 | 45 |
| Kansas | 50 | 50 | .. | 56 | 50 | 57 | 32 | 60 | 56 | 60 | 50 | 55 | 60 | .. | 45 |
| Nebraska | 48 | 52 | .. | 56 | 50 | 57 | 34 | 60 | 56 | 60 | 50 | 55 | 60 | 60 | 45 |
| California | 50 | 40 | .. | 52 | .. | .. | 32 | .. | 54 | 60 | .. | .. | .. | .. | .. |
| Oregon | 46 | 42 | .. | 56 | .. | .. | 36 | 60 | 56 | 60 | .. | .. | .. | 60 | .. |

# RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States and Canada. Cards for foreign countries (within the Postal Union) 2 cents each. *Postal Cards are unmailable* with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to them.

ALL LETTERS, to all parts of the United States and Canada, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, *whether sealed or unsealed*, and all other matter *sealed, nailed, sewed, tied, or fastened in any manner* so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—Only for publishers and news agents; 1 cent per pound.

NEWSPAPERS and Periodicals (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in *unsealed wrappers only* (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, *which must be fully prepaid.* This includes books, circulars, chromos, engravings, handbills, lithographs, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process *except handwriting and the copying press.* Limit of weight 4 lbs., except for a single book, which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes which is so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, 1 cent per ounce or fraction thereof. Limit of weight, 4 lbs. Full prepayment compulsory.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed,* without additional postage charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

PERMISSIBLE WRITING.—No writing is permitted on third or fourth class matter except as follows: The name and address of sender on the outside or inside of package, preceded by the word "from." On the wrapper may also be written the names and number of articles inclosed. The sender is further allowed to mark a word or passage in a book or paper to which he desires to call special attention. He may



also write a simple inscription or dedication upon the cover or blank leaves of a book or pamphlet. There may be attached to articles of merchandise, by tag or label, a mark, number, name, or letter for purpose of identification. Printed circulars may contain the written name of the sender, or of the addressee, and the date. Any other writing on third or fourth class matter will subject the package to letter rates of postage, and render the sender liable to a fine of ten dollars for each offense. Printed matter may be inclosed with fourth class matter, but the whole package is subject to the rate of 1 cent per ounce or fraction thereof.

## POSTAL NOTES.

Upon payment of a fee of 3 cents each, Postal Notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued; but payable *only* at such Money-order Office as the purchaser may select or at the office of issue.

## MONEY ORDERS.

| | |
|---|---|
| For Orders not exceeding $5 | 5 cents. |
| Exceeding $5 and not exceeding $10 | 8 " |
| " 10 " " " 15 | 10 " |
| " 15 " " " 30 | 15 " |
| " 30 " " " 40 | 20 " |
| " 40 " " " 50 | 25 " |
| " 50 " " " 60 | 30 " |
| " 60 " " " 70 | 35 " |
| " 70 " " " 80 | 40 " |
| " 80 " " " 100 | 45 " |

When a larger sum than $100 is required, additional Orders to make it up must be obtained.

## FOREIGN POSTAGE.

The rates for letters are for the half ounce or fraction thereof, and those for newspapers for 2 ounces or fraction thereof:—

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco (except to New South Wales), 5 cents; via Brindisi, 15 cents; newspapers, via San Francisco, 2 cents; via Brindisi, 4 cents. China, letters, via San Francisco, 5 cents; via Brindisi, 13 cents; 4 cents for each paper not weighing over 4 ounces. British India, Italian mail, letters 5 cents, newspapers 1 cent for 2 ounces. Japan, letters, via San Francisco, 5 cents; newspapers 1 cent for 2 ounces.

## [illegible] of Accidents.

**Drowning. 1.** Loosen clothing, if any. **2.** Empty Lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. **3.** Pull tongue forward, using handkerchief, or pin with string, if necessary. **4.** Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. **5.** Apply warmth and friction to extremities. **6.** By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. **7.** DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort **8.** When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

**Burns and Scalds.** Cover with Cooking Soda and lay wet cloths over it. Whites of Eggs and Olive Oil. Olive or Linseed Oil, plain, or mixed with Chalk or Whiting.

**Lightning.** Dash cold water over a person struck.

**Sunstroke.** Loosen clothing. Get patient into shade, and apply ice-cold water to head.

**Mad Dog or Snake Bite.** Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

**Venomous Insects Stings, &c.** Apply weak Ammonia, Oil, Salt Water, or Iodine.

**Fainting.** Place flat on back; allow fresh air, and sprinkle with water.

**Tests of Death.** Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

**Cinders in the Eye.** Roll soft paper up like a lamp lighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

**Fire in one's Clothing.** *Don't run,*—especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

**Fire in a Building.** Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

**Fire in Kerosene.** *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

**Suffocation from inhaling Burning-Gas.** Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia,—twenty drops to a tumbler of water, at frequent intervals.

## ANTIDOTES FOR POISONS.

**First.** Send for a Physician.

**Second.** INDUCE VOMITING, by tickling throat with feather or finger. Drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

**Acids** are antidotes for ALKALIES, and *vice versa.*

### SPECIAL POISONS AND ANTIDOTES.

| | |
|---|---|
| **Acids.** MURIATIC, OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis). | Soap-suds, Magnesia, Lime-water. |
| **Prussic Acid.** | Ammonia in water. Dash water in face. |
| **Carbolic Acid.** | Flour and water, mucilaginous drinks. |
| **Alkalies.** POTASH. LYE. HARTSHORN. AMMONIA. | Vinegar or Lemon juice in water. |
| **Arsenic. Rat Poison. Paris Green.** | Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water. |
| **Bug Poison. Lead. Saltpetre. Corrosive Sublimate. Sugar of Lead. Blue Vitriol.** | Whites of Eggs or Milk in large doses. |
| **Chloroform. Chloral. Ether.** | Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum. |
| **Carbonate of Soda. Copperas. Cobalt.** | Soap-suds and mucilaginous drinks. |
| **Iodine. Antimony. Tartar Emetic.** | Starch and water. Astringent infusions. Strong tea. |
| **Mercury** AND ITS SALTS. | Whites of Eggs. Milk. Mucilages. |
| **Nitrate of Silver. Lunar Caustic.** | Salt and water. |
| **Opium. Morphine. Laudanum. Paregoric. Soothing Powders or Syrups.** | Strong coffee, hot bath. Keep awake and moving at any cost. |
| **Strychnine. Tinct. of Nux Vomica.** | Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears. |

## [illegible] OF THE UNITED STATES.

The official count of the returns of the Eleventh Census as finally determined.

| STATES AND TERRITORIES. | 1890. | 1880. |
|---|---|---|
| Alabama | 1,513,017 | 1,262,505 |
| Alaska | ..... | ..... |
| Arizona | 59,620 | 40,440 |
| Arkansas | 1,128,179 | 802,525 |
| California | 1,208,130 | 864,694 |
| Colorado | 412,198 | 194,327 |
| Connecticut | 746,258 | 622,700 |
| Delaware | 168,493 | 146,608 |
| District of Columbia | 230,392 | 177,624 |
| Florida | 391,422 | 269,493 |
| Georgia | 1,837,353 | 1,542,180 |
| Idaho | 84,385 | 32,610 |
| Illinois | 3,826,351 | 3,077,871 |
| Indiana | 2,192,404 | 1,978,301 |
| Indian Territory | ..... | ..... |
| Iowa | 1,911,896 | 1,624,615 |
| Kansas | 1,427,096 | 996,096 |
| Kentucky | 1,858,635 | 1,648,690 |
| Louisiana | 1,118,587 | 939,946 |
| Maine | 661,086 | 648,936 |
| Maryland | 1,042,390 | 934,943 |
| Massachusetts | 2,238,943 | 1,783,085 |
| Michigan | 2,093,889 | 1,636,937 |
| Minnesota | 1,301,826 | 780,773 |
| Mississippi | 1,289,600 | 1,131,597 |
| Missouri | 2,679,184 | 2,168,380 |
| Montana | 132,159 | 39,159 |
| Nebraska | 1,058,910 | 452,402 |
| Nevada | 45,761 | 62,266 |
| New Hampshire | 376,530 | 346,991 |
| New Jersey | 1,444,933 | 1,131,116 |
| New Mexico | 153,593 | 119,565 |
| New York | 5,997,853 | 5,082,871 |
| North Carolina | 1,617,947 | 1,399,750 |
| North Dakota | 182,719 | 36,909 |
| Ohio | 3,672,316 | 3,198,062 |
| Oklahoma | 61,834 | ..... |
| Oregon | 313,767 | 174,768 |
| Pennsylvania | 5,258,014 | 4,282,891 |
| Rhode Island | 345,506 | 276,531 |
| South Carolina | 1,151,149 | 995,577 |
| South Dakota | 328,808 | 98,268 |
| Tennessee | 1,767,518 | 1,542,359 |
| Texas | 2,235,523 | 1,591,749 |
| Utah | 207,905 | 143,963 |
| Vermont | 332,422 | 332,286 |
| Virginia | 1,655,980 | 1,512,565 |
| Washington | 349,390 | 75,116 |
| West Virginia | 762,794 | 618,457 |
| Wisconsin | 1,686,880 | 1,315,497 |
| Wyoming | 60,705 | 20,789 |
| Total population of the United States | 62,622,250 | 50,155,783 |

## POPULATION OF PRINCIPAL CITIES.

| | 1890. | 1880. |
|---|---|---|
| Akron, O. | 27,601 | 16,512 |
| Albany, N. Y. | 94,923 | 90,758 |
| Allentown, Pa. | 25,228 | 18,063 |
| Allegheny, Pa. | 105,287 | 78,682 |
| Altoona, Pa. | 30,337 | 19,710 |
| Atlanta, Ga. | 65,533 | 37,409 |
| Auburn, N. Y. | 25,858 | 21,924 |
| Augusta, Ga. | 33,300 | 21,891 |
| Baltimore, Md. | 434,439 | 332,313 |
| Bangor, Me. | 19,103 | 16,856 |
| Bay City, Mich. | 27,839 | 20,693 |
| Bellows Falls, Vt. | 4,579 | 3,797 |
| Binghampton, N. Y. | 35,005 | 17,317 |
| Birmingham, Ala. | 26,178 | 3,086 |
| Bloomington, Ill. | 20,048 | 17,180 |
| Boston, Mass. | 448,477 | 362,839 |
| Brattleboro', Vt. | 6,862 | 5,880 |
| Bridgeport, Conn. | 48,866 | 27,643 |
| Brockton, Mass. | 27,294 | 13,608 |
| Brooklyn, N. Y. | 806,343 | 566,663 |
| Buffalo, N. Y. | 255,664 | 155,134 |
| Burlington, Ia. | 22,565 | 19,450 |
| Burlington, Vt. | 14,590 | 11,365 |
| Cambridge, Mass. | 70,028 | 52,669 |
| Canton, O. | 26,189 | 12,258 |
| Camden, N. J. | 58,313 | 41,659 |
| Charleston, S. C. | 54,955 | 49,984 |
| Chattanooga, Tenn. | 29,100 | 12,892 |
| Chicago, Ill. | 1,099,850 | 503,185 |
| Chelsea, Mass. | 27,909 | 21,782 |
| Cincinnati, O. | 296,908 | 255,139 |
| Cleveland, O. | 261,353 | 160,146 |
| Columbus, O. | 88,150 | 51,647 |
| Concord, N. H. | 17,004 | 13,843 |
| Council Bluffs, Ia. | 21,474 | 18,063 |
| Covington, Ky. | 37,371 | 29,720 |
| Dallas, Tex. | 38,067 | 10,358 |
| Davenport, Ia. | 26,872 | 21,831 |
| Dayton, O. | 61,220 | 38,678 |
| Denver, Col. | 106,713 | 35,629 |
| Des Moines, Ia. | 50,093 | 22,408 |
| Detroit, Mich. | 205,876 | 116,340 |
| Dubuque, Ia. | 30,311 | 22,254 |
| Duluth, Minn. | 33,115 | 3,483 |
| Elizabeth City, N. J. | 37,764 | 28,229 |
| Elmira, N. Y. | 29,708 | 20,541 |
| Erie, Pa. | 40,634 | 27,737 |
| Evansville, Ind. | 50,756 | 29,280 |
| Fall River, Mass. | 74,398 | 48,961 |
| Fitchburg, Mass. | 22,037 | 12,429 |
| Ft. Wayne, Ind. | 35,393 | 26,880 |
| Fort Worth, Tex. | 23,076 | 6,663 |
| Galveston, Tex. | 29,084 | 22,248 |
| Gloucester, Mass. | 24,651 | 19,329 |
| Grand Rapids, Mich. | 60,278 | 32,016 |
| Harrisburgh, Pa. | 39,385 | 30,762 |
| Hartford, Conn. | 53,230 | 42,015 |

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

| | 1890. | 1880. |
|---|---|---|
| Haverhill, Mass. | 27,412 | 18,472 |
| Hoboken, N. J. | 43,648 | 30,999 |
| Holyoke, Mass. | 35,637 | 21,915 |
| Houston, Tex. | 27,557 | 16,513 |
| Indianapolis, Ind. | 105,436 | 75,056 |
| Jackson, Mich. | 20,798 | 16,105 |
| Jersey City, N. J. | 163,003 | 120,722 |
| Johnstown, Pa. | 21,805 | 8,380 |
| Kansas City, Kan. | 38,316 | 3,200 |
| Kansas, City, Mo. | 132,716 | 55,785 |
| Kingston, N. Y. | 21,261 | 18,344 |
| Knoxville, Tenn. | 22,535 | 9,693 |
| La Crosse, Wis. | 25,090 | 14,505 |
| Lancaster, Pa. | 32,011 | 25,769 |
| Lawrence, Mass. | 44,654 | 39,151 |
| Leavenworth, Kan. | 19,768 | 16,546 |
| Lewiston, Me. | 21,701 | 19,083 |
| Lincoln, Neb. | 55,154 | 13,003 |
| Lincoln, R. I. | 20,355 | 13,765 |
| Little Rock, Ark. | 25,874 | 13,138 |
| Long Island City, N. Y. | 30,506 | 17,129 |
| Los Angeles, Cal. | 50,395 | 11,183 |
| Louisville, Ky. | 161,129 | 123,758 |
| Lowell, Mass. | 77,696 | 59,475 |
| Lynn, Mass. | 55,727 | 38,274 |
| McKeesport, Pa. | 20,741 | 5,212 |
| Macon, Ga. | 22,746 | 12,749 |
| Malden, Mass. | 23,031 | 12,017 |
| Manchester, N. H. | 44,126 | 32,630 |
| Memphis, Tenn. | 64,495 | 33,592 |
| Meriden, Conn. | 21,652 | 15,540 |
| Milwaukee, Wis. | 204,468 | 115,587 |
| Minneapolis, Minn. | 164,738 | 46,887 |
| Mobile, Ala. | 31,076 | 29,132 |
| Montgomery, Ala. | 21,883 | 16,713 |
| Montpelier, Vt. | 4,160 | 3,219 |
| Muskegon, Mich. | 22,702 | 11,262 |
| Nashua, N. H. | 19,311 | 13,397 |
| Nashville, Tenn. | 76,168 | 43,350 |
| New Albany, Ind. | 21,059 | 16,423 |
| Newark, N. J. | 181,830 | 136,508 |
| New Bedford, Mass. | 40,733 | 26,845 |
| Newburg, N. Y. | 23,087 | 18,049 |
| New Haven, Conn. | 81,298 | 62,882 |
| New Orleans, La. | 242,039 | 216,090 |
| Newport, Ky. | 24,918 | 20,433 |
| Newport, R. I. | 19,457 | 15,693 |
| Newton, Mass. | 24,379 | 16,995 |
| New York, N. Y. | 1,515,301 | 1,206,299 |
| Norfolk, Va. | 34,871 | 21,966 |
| Oakland, Cal. | 48,682 | 34,555 |
| Omaha, Neb. | 140,452 | 30,518 |
| Oskosh, Wis. | 22,836 | 15,748 |
| Oswego, N. Y. | 21,842 | 21,116 |
| Paterson, N. J. | 78,347 | 51,031 |
| Pawtucket, R. I. | 27,633 | 19,030 |
| Peoria, Ill. | 41,024 | 29,259 |

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

| | 1890. | 1880. |
|---|---|---|
| Petersburg, Va. | 22,680 | 21,656 |
| Philadelphia, Pa. | 1,046,964 | 847,170 |
| Pittsburgh, Pa. | 238,617 | 156,389 |
| Portland, Me. | 36,425 | 33,810 |
| Portland, Ore. | 46,385 | 17,577 |
| Poughkeepsie, N. Y. | 22,206 | 20,207 |
| Providence, R. I. | 132,146 | 104,857 |
| Pueblo, Col. | 25,558 | 3,217 |
| Quincy, Ill. | 31,494 | 27,268 |
| Racine, Wis. | 21,014 | 16,031 |
| Reading, Pa. | 58,661 | 43,278 |
| Richmond, Va. | 81,388 | 63,600 |
| Rochester, N. Y. | 133,896 | 89,366 |
| Rockford, Ill. | 23,584 | 13,129 |
| Rutland, Vt. | 11,760 | 12,149 |
| Sacramento, Cal. | 26,386 | 21,420 |
| Saginaw, Mich. | 46,322 | 29,541 |
| Saint Joseph, Mo. | 52,324 | 32,431 |
| Saint Louis, Mo. | 451,770 | 350,518 |
| Saint Paul, Minn. | 133,156 | 41,473 |
| Salem, Mass. | 30,801 | 27,563 |
| Salt Lake City, Utah | 44,843 | 20,768 |
| San Antonio, Tex. | 37,673 | 20,550 |
| San Francisco, Cal. | 298,997 | 233,959 |
| Savannah, Ga. | 43,189 | 30,709 |
| Scranton, Pa. | 75,215 | 45,850 |
| Seattle, Wash. | 42,837 | 3,533 |
| Sioux City, Ia. | 37,806 | 7,366 |
| Somerville, Mass. | 40,152 | 24,933 |
| Spokane Falls, Wash. | 19,922 | 350 |
| Springfield, Ill. | 24,963 | 19,743 |
| Springfield, Mass. | 44,179 | 33,340 |
| Springfield, Mo. | 21,850 | 6,522 |
| Springfield, O. | 31,895 | 20,730 |
| Syracuse, N. Y. | 88,143 | 51,792 |
| Tacoma, Wash. | 36,006 | 1,098 |
| Taunton, Mass. | 25,448 | 21,213 |
| Terre Haute, Ind. | 30,217 | 26,042 |
| Toledo, O. | 81,434 | 50,137 |
| Topeka, Kan. | 31,007 | 15,452 |
| Trenton, N. J. | 57,458 | 29,910 |
| Troy, N. Y. | 60,956 | 56,747 |
| Utica, N. Y. | 44,007 | 33,914 |
| Washington, D. C. | 230,392 | 177,624 |
| Waterbury, Conn. | 28,646 | 17,806 |
| Wheeling, W. Va. | 35,013 | 30,737 |
| Wichita, Kan. | 23,853 | 4,911 |
| Wilkesbarre, Pa. | 37,718 | 23,339 |
| Williamsport, Pa. | 27,132 | 18,934 |
| Wilmington, Del. | 61,431 | 42,478 |
| Wilmington, N. C. | 20,056 | 17,350 |
| Woonsocket, R. I. | 20,830 | 16,050 |
| Worcester, Mass. | 84,655 | 58,291 |
| Yonkers, N. Y. | 32,033 | 18,892 |
| York, Pa. | 20,793 | 13,940 |
| Youngstown, O. | 33,220 | 15,435 |
| Zanesville, O. | 21,009 | 18,113 |

## RELATIVE RANK OF CITIES.

In 1870 there were but fourteen cities each containing more than 100,000 inhabitants. In 1880 this number had increased to twenty, and in 1890 to twenty-eight.

In 1880 there was but one city, New York, which had a population in excess of a million. In 1890 there were three, New York, Chicago, and Philadelphia.

The number and relative rank of cities having a population of 100,000 or more at the date of each of these censuses are set forth in the following table.

| Rank. | 1890. | 1880. | 1870. |
|---|---|---|---|
| 1 | New York, N. Y. | New York, N. Y. | New York, N. Y. |
| 2 | Chicago, Ill. | Philadelphia, Pa. | Philadelphia, Pa. |
| 3 | Philadelphia, Pa. | Brooklyn, N. Y. | Brooklyn, N. Y. |
| 4 | Brooklyn, N. Y. | Chicago, Ill. | Saint Louis, Mo. |
| 5 | Saint Louis, Mo. | Boston, Mass. | Chicago, Ill. |
| 6 | Boston, Mass. | Saint Louis, Mo. | Baltimore, Md. |
| 7 | Baltimore, Md. | Baltimore, Md. | Boston, Mass. |
| 8 | San Francisco, Cal. | Cincinnati, Ohio. | Cincinnati, O. |
| 9 | Cincinnati, O. | San Francisco, Cal. | New Orleans, La. |
| 10 | Cleveland, O. | New Orleans, La. | San Francisco, Cal. |
| 11 | Buffalo, N. Y. | Cleveland, O. | Buffalo, N. Y. |
| 12 | New Orleans, La. | Pittsburgh, Pa. | Washington, D. C. |
| 13 | Pittsburgh, Pa. | Buffalo, N. Y. | Newark, N. J. |
| 14 | Washington, D. C. | Washington, D. C. | Louisville, Ky. |
| 15 | Detroit, Mich. | Newark, N. J. | |
| 16 | Milwaukee, Wis. | Louisville, Ky. | |
| 17 | Newark, N. J. | Jersey City, N. J. | |
| 18 | Minneapolis, Minn. | Detroit, Mich. | |
| 19 | Jersey City, N. J. | Milwaukee, Wis. | |
| 20 | Louisville, Ky. | Providence, R. I. | |
| 21 | Omaha, Neb. | | |
| 22 | Rochester, N. Y. | | |
| 23 | Saint Paul, Minn. | | |
| 24 | Kansas City, Mo. | | |
| 25 | Providence, R. I. | | |
| 26 | Denver, Col. | | |
| 27 | Indianapolis, Ind. | | |
| 28 | Allegheny City, Pa. | | |

## PRESIDENTS OF THE UNITED STATES.

| No. | NAMES. | Born. | Inaugurated. | Term of Office. | Died. | Native of | Residence when elected. | Political Party. |
|---|---|---|---|---|---|---|---|---|
| 1 | GEORGE WASHINGTON | Feb. 22, 1732 | April 30, 1789 | 8 years | Dec. 14, 1799 | Virginia. | Virginia. | Federal. |
| 2 | JOHN ADAMS | Oct. 31, 1735 | Mar. 4, 1797 | 4 " | July 4, 1825 | Mass. | Mass. | " |
| 3 | THOMAS JEFFERSON | April 2, 1743 | " 4, 1801 | 8 " | " 4, 1826 | Virginia. | Virginia. | Republican. |
| 4 | JAMES MADISON | Mar. 16, 1751 | " 4, 1809 | 8 " | June 28, 1836 | " | " | " |
| 5 | JAMES MONROE | April 28, 1758 | " 4, 1817 | 8 " | July 4, 1831 | " | " | " |
| 6 | JOHN QUINCY ADAMS | July 11, 1767 | " 4, 1825 | 4 " | Feb. 23, 1848 | Mass. | Mass. | Coalition. |
| 7 | ANDREW JACKSON | Mar. 15, 1767 | " 4, 1829 | 8 " | June 8, 1845 | S. Carolina. | Tennessee. | Democrat. |
| 8 | MARTIN VAN BUREN | Dec. 5, 1782 | " 4, 1837 | 4 " | July 24, 1862 | New York. | New York. | " |
| 9 | WM. H. HARRISON | Feb. 9, 1773 | " 4, 1841 | 1 month | April 4, 1841 | Virginia. | Ohio. | Whig. |
| 10 | JOHN TYLER | Mar. 29, 1790 | April 6, 1841 | 3 yrs. 11 mos. | Jan. 18, 1862 | " | Virginia. | " |
| 11 | JAMES K. POLK | Nov. 2, 1795 | Mar. 4, 1845 | 4 years | June 15, 1849 | N. Carolina. | Tennessee. | Democrat. |
| 12 | ZACHARY TAYLOR | Sept. 24, 1784 | " 4, 1849 | 1 year 4 mos. | July 9, 1850 | Virginia. | Louisiana. | Whig. |
| 13 | MILLARD FILLMORE | Feb. 7, 1800 | July 9, 1850 | 2 years 8 mos. | Mar. 7, 1874 | New York. | New York. | " |
| 14 | FRANKLIN PIERCE | Nov. 23, 1804 | Mar. 4, 1853 | 4 years | Oct. 8, 1869 | N. Hamp. | N. Hamp. | Democrat. |
| 15 | JAMES BUCHANAN | April 23, 1791 | " 4, 1857 | 4 " | June 1, 1868 | Penn. | Penn. | " |
| 16 | ABRAHAM LINCOLN | Feb. 12, 1809 | " 4, 1861 | 4 yrs. 40 days. | April 15, 1865 | Kentucky. | Illinois. | Republican. |
| 17 | ANDREW JOHNSON | Dec 29, 1808 | April 15, 1865 | 3 yrs. 10½ mos. | July 31, 1875 | N. Carolina. | Tennessee. | " |
| 18 | ULYSSES S. GRANT | April 27, 1822 | Mar. 4, 1869 | 8 years | July 23, 1885 | Ohio. | Illinois. | " |
| 19 | RUTHERF'D B. HAYES | Oct. 4, 1822 | " 5, 1877 | 4 " | ..... | " | Ohio. | " |
| 20 | JAMES A. GARFIELD | Nov. 19, 1831 | " 4, 1881 | 6½ months | Sept. 19, 1881 | " | " | " |
| 21 | CHESTER A. ARTHUR | Oct. 5, 1830 | Sept. 20, 1881 | 3 yrs. 5½ mos. | Nov. 18, 1886 | Vermont. | New York. | " |
| 22 | GROVER CLEVELAND | Mar. 18, 1837 | Mar. 4, 1885 | 4 years | ..... | New Jersey. | " | Democrat. |
| 23 | BENJAMIN HARRISON | Aug. 20, 1833 | " 4, 1889 | ..... | ..... | Ohio. | Indiana. | Republican. |

NOTE.—Sunday, July 4 and December 25 are legal holidays in all the States. Other holidays in the different States are noted below:

In most of the States when the holiday falls on Sunday the Monday following is the holiday. Notes must be paid on the Saturday preceding.

ALABAMA—Jan. 1, Feb. 22.

ARIZONA—Jan. 1, Feb. 22, May 30, any day of thanksgiving or general territorial election, or special election called by the Governor.

CALIFORNIA—Jan. 1, Feb. 22, May 30, Sept. 9, Thanksgiving, a State or general election.

COLORADO—Jan. 1, Feb. 22, May 30, Thanksgiving.

CONNECTICUT—Jan. 1, Feb. 22, May 30, Sept. 1, Thanksgiving, Fast day.

DELAWARE—Jan. 1, Feb. 22, Thanksgiving.

FLORIDA—Jan. 1, Feb 22, any general election day, Thanksgiving.

GEORGIA—Jan. 1, Feb. 22, April 26, any Thanksgiving.

IDAHO—Same as Arizona.

ILLINOIS—Jan. 1, Feb. 22, May 30, Election Day, Thanksgiving.

INDIANA—Jan. 1, public fast, Thanksgiving.

IOWA—Jan. 1, May 30, Thanksgiving.

KANSAS—Jan. 1, May 30, public fast, Thanksgiving.

KENTUCKY—Jan. 1, Feb. 22, public fast, Thanksgiving.

LOUISIANA—Jan. 1 and 8, Feb. 22. Mardi Gras, March 4 in New Orleans, and Good Friday.

MAINE—Jan. 1, Feb. 22, May 30, public fast, Thanksgiving.

MARYLAND—Jan. 1, Good Friday, Feb. 22, Thanksgiving, or general and Congressional election days.

MASSACHUSETTS—Feb. 22, Fast day, May 30, first Monday in Sept., Thanksgiving,

MICHIGAN—Jan. 1, Feb. 22, May 30, and any day appointed by the Governor or President for fasting and thanksgiving.

MINNESOTA—Jan. 1, Feb. 22. Good Friday, Thanksgiving.

MISSISSIPPI—Jan. 1.

MISSOURI—Jan. 1, Feb. 22, any general or State election day, any Thanksgiving day.

MONTANA—Jan. 1, Feb. 22, May 30, public fast, and Thanksgiving.

NEBRASKA—Jan. 1, Feb, 22, April 22, May 30, Sept. 1, public fast and Thanksgiving.

NEVADA—Jan. 1, Feb. 22, and Thanksgiving day.

NEW HAMPSHIRE—Feb. 22, Fast day, May 30, Thanksgiving, or any day on which a general election is held for members of the Legislature.

## LEGAL HOLIDAYS.—CONTINUED.

NEW JERSEY—Jan. 1, Feb 22, May 30, Sept. 1, Thanksgiving day, and any general election day for members of the Assembly. When these fall on Monday notes and drafts are payable on Tuesday; and when they fall on Sunday the Monday following is a legal holiday, and bills become due the Tuesday following.

NEW MEXICO—Jan. 1 and all days for fasting or thanksgiving. Notes due on holidays are payable on the next business day thereafter.

NEW YORK—Jan. 1, Feb. 22, May 30, the first Monday of Sept. (Labor day), any general election day, every Saturday from noon until midnight, which is designated a half holiday, and any day appointed or recommended by the Governor or President as a day of thanksgiving, or fasting and prayer, or other religious observance.

NORTH CAROLINA—Jan. 1, Feb. 22, May 10, May 20, Thanksgiving. When legal holidays are on Sunday the Monday following is a holiday, and notes due on that day are payable on Tuesday. But when the holiday is on Saturday, notes due on Sunday following are payable on Monday.

NORTH DAKOTA—Jan. 1, Feb. 22, May 30, Thanksgiving, public fast, and general State or National election.

OHIO—Jan. 1, Feb. 22, May 30, Thanksgiving.

OREGON—Jan. 1, Feb. 22, May 30, first Saturday in June, public fast, Thanksgiving, and every general election day.

PENNSYLVANIA—Jan. 1, Feb. 22, Good Friday, Sept. 1, Thanksgiving, Decoration Day. But if the latter falls on Sunday the Saturday preceding is to be observed as the holiday; and notes falling due on that day or the Sunday must be paid on Friday, or protested on that day.

RHODE ISLAND—Feb. 22, May 30, Thanksgiving.

SOUTH CAROLINA—Jan. 1, Feb. 22, National Thanksgiving, general election days.

SOUTH DAKOTA—See North Dakota.

TENNESSEE—Jan. 1, Thanksgiving.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, and all days appointed by the President or the Governor as days of fasting or thanksgiving, and every State election day.

UTAH—Jan. 1, Feb. 22, May 30, July 24, and Thanksgiving and Fast days.

VERMONT—Jan. 1, May 30, Thanksgiving.

VIRGINIA—Jan. 1, Feb. 22, Fast day, Thanksgiving.

WASHINGTON—Jan. 1, Feb. 22, Decoration Day, Thanksgiving, days of general and special election for State and National officers.

WEST VIRGINIA—Jan. 1, Feb. 22, or a day of National thanksgiving.

WISCONSIN—Jan. 1, Feb. 22, May 30, June 10, Thanksgiving, general election day.

WYOMING—Jan. 1, Feb. 22, May 30, Thanksgiving.

## VALUES IN UNITED STATES MONEY

OF THE

[illegible] SILVER

REPRESENTING RESPECTIVELY THE MONETARY UNITS AND STANDARD COINS OF FOREIGN COUNTRIES.

The first section of the Act of March 3, 1873, provides "that the value of Foreign Coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1890, in compliance with the above stated provisions of law.

| COUNTRY. | MONETARY UNIT. | STANDARD. | VALUE. D. | C. | M. |
|---|---|---|---|---|---|
| Argentine Republic | Peso | Gold & Silver | 0 | 96 | 5 |
| Austria | Florin | Silver | 0 | 34 | 3 |
| Belgium | Franc | Gold & Silver | 0 | 19 | 3 |
| Bolivia | Boliviano | Silver | 0 | 69 | 8 |
| Brazil | Milreis of 1000 reis. | Gold | 0 | 54 | 6 |
| British America | Dollar | Gold | 1 | 0 | 0 |
| Central American States | Peso | Silver | 0 | 69 | 8 |
| Chili | Peso | Gold & Silver | 0 | 91 | 2 |
| China | Tael. Shanghai | Silver | 1 | 3 | 1 |
| | Tael. Haikwan (Customs). | Silver | 1 | 14 | 8 |
| Cuba | Peso | Gold & Silver | 0 | 92 | 6 |
| Denmark | Crown | Gold | 0 | 26 | 8 |
| Ecuador | Sucre | Silver | 0 | 69 | 8 |
| Egypt | Pound (100 piastres) | Gold | 4 | 94 | 3 |
| France | Franc | Gold & Silver | 0 | 19 | 3 |
| German Empire | Mark | Gold | 0 | 23 | 8 |
| Great Britain | Pound sterling | Gold | 4 | 86 | 6½ |
| Greece | Drachma | Gold & Silver | 0 | 19 | 3 |
| Hayti | Gourde | Gold & Silver | 0 | 96 | 5 |
| India | Rupee of 16 annas. | Silver | 0 | 33 | 2 |
| Italy | Lira | Gold & Silver | 0 | 19 | 3 |
| Japan | Yen | Gold | 0 | 99 | 7 |
| Japan | Yen | Silver | 0 | 75 | 2 |
| Liberia | Dollar | Gold | 1 | 0 | 0 |
| Mexico | Dollar | Silver | 0 | 75 | 8 |
| Netherlands | Florin | Gold & Silver | 0 | 40 | 2 |
| Norway | Crown | Gold | 0 | 26 | 8 |
| Peru | Sol | Silver | 0 | 69 | 8 |
| Portugal | Milreis of 1000 reis. | Gold | 1 | 8 | 0 |
| Russia | Roubl. of 100 cop'ks | Silver | 0 | 55 | 8 |
| Spain | Peseta of 100 centim. | Gold & Silver | 0 | 19 | 3 |
| Sweden | Crown | Gold | 0 | 26 | 8 |
| Switzerland | Franc | Gold & Silver | 0 | 19 | 3 |
| Tripoli | Mahbub of 20 piast's | Silver | 0 | 62 | 9 |
| Turkey | Piastre | Gold | 0 | 4 | 4 |
| United States of Colombia. | Peso | Silver | 0 | 69 | 8 |
| Venezuela | Bolivar | Silver | 0 | 14 | 0 |

## INTEREST LAWS OF ALL THE STATES

| STATES AND TERRITORIES. | PENALTY OF USURY. | Legal. | Special. |
|---|---|---|---|
| Alabama | Loss of interest | 8 | .... |
| Arizona | No penalty | 10 | No limit. |
| Arkansas | Forfeiture of principal and interest | 6 | 10 per ct. |
| California | No penalty | 7 | No limit. |
| Colorado | No penalty | 10 | No limit. |
| Connecticut | No penalty | 6 | 6 per ct. |
| Dakota | Forfeiture of contract | 7 | 12 per ct. |
| Delaware | Forfeiture of contract | 6 | 6 per ct. |
| Dist. of Columbia | Forfeiture of all interest | 6 | 10 per ct. |
| Florida | No penalty | 8 | No limit. |
| Georgia | Forfeiture of excess | 7 | 8 per ct. |
| Idaho | Forfeiture of 3 times excess of int. | 10 | 18 per ct. |
| Illinois | Forfeiture of all interest | 6 | 8 per ct. |
| Indiana | Forfeiture of interest over 6 per cent. | 6 | 8 per ct. |
| Iowa | Forfeiture of interest and costs | 6 | 10 per ct. |
| Kansas | Forfeiture of excess over 12 per cent. | 7 | 12 per ct. |
| Kentucky | Forfeiture of excess | 6 | 6 per ct. |
| Louisiana | Forfeiture of interest | 5 | 8 per ct. |
| Maine | No penalty | 6 | No limit. |
| Maryland | Forfeiture of excess | 6 | 6 per ct. |
| Massachusetts | No penalty—6 per ct. on judgments | 6 | No limit. |
| Michigan | Forfeiture of excess | 7 | 10 per ct. |
| Minnesota | Forfeiture of contract | 7 | 10 per ct. |
| Mississippi | Forfeiture of all interest | 6 | 10 per ct. |
| Missouri | Forfeiture of all interest | 6 | 10 per ct. |
| Montana | No penalty | 10 | No limit. |
| Nebraska | Forfeiture of all interest and costs | 7 | 10 per ct. |
| Nevada | No penalty | 10 | No limit. |
| New Hampshire | Forfeiture of 3 times excess of interest | 6 | 6 per ct. |
| New Jersey | Forfeiture of all interest | 6 | 6 per ct. |
| New Mexico | No penalty | 6 | 12 per ct. |
| New York | Forfeiture of contract * | 6 | 6 per ct. |
| North Carolina | Forfeiture of double am't of interest | 6 | 8 per ct. |
| Ohio | Forfeiture of excess | 6 | 8 per ct. |
| Oregon | Forfeiture of principal, int. and costs | 8 | 10 per ct. |
| Pennsylvania | Forfeiture of excess, Act of 1858 | 6 | 6 per ct. |
| Rhode Island | Forfeiture, unless by contract † | 6 | No limit. |
| South Carolina | Forfeiture of interest | 7 | 10 per ct. |
| Tennessee | Forfeiture of over 6 per cent. | 6 | 6 per ct. |
| Texas | Forfeiture of interest | 8 | 12 per ct. |
| Utah | No penalty | 10 | No limit. |
| Vermont | Forfeiture of excess | 6 | 7 per ct. |
| Virginia | Forfeiture of excess | 6 | 6 per ct. |
| Washington | No penalty | 10 | No limit. |
| West Virginia | Forfeiture of excess | 6 | 6 per ct. |
| Wisconsin | Forfeiture of all interest | 7 | 10 per ct. |
| Wyoming | No penalty | 12 | No limit. |

* Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.

† Also 6 per ct. on judgments.

## BUSINESS LAW.

The following compilation of business law contains the essence of a large amount of legal verbiage:

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Notes bear interest only when so stated.

Principals are responsible for the acts of their agents.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

Ignorance of the law excuses no one.

The law compels no one to do impossibilities.

An agreement without consideration is void.

A note made on Sunday is void.

Contracts made on Sunday cannot be enforced.

A note by a minor is void.

A contract made with a minor is void.

A contract made with a lunatic is void.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

It is a fraud to conceal a fraud.

Signatures made with a lead pencil are good in law.

A receipt for money is not always conclusive.

The acts of one partner bind all the rest.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

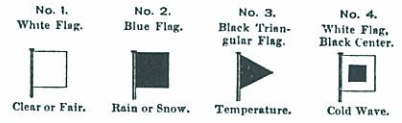
A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

If the time of payment of a note is not inserted, it is held payable on demand.

## WEATHER SIGNALS.

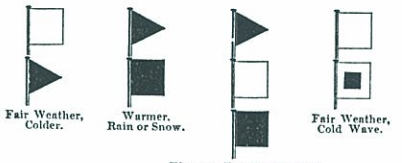
**(Adopted for general use by the United States Signal Service on and after March 1, 1887.)**

### INTERPRETATION OF SIGNALS.




No. 1, white flag, clear or fair weather, no rain. Number 2, blue flag, rain or snow. Number 3, black triangular flag, refers to temperature, and above numbers 1 or 2, indicates warmer weather; below numbers 1 or 2, colder weather, and when not displayed, stationary weather. Number 4, white flag with black center (cold-wave flag) sudden fall in temperature; this signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 ever displayed with it.

### DISPLAY EXAMPLES.




## TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

## STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

To change to Standard Time add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

### Standard Time Divisions as adopted by the Railroads.

Eastern Standard—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

Central Standard—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

Mountain Standard—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

Pacific Standard—120th Meridian. West from "Mountain" limits to coast.

### Correction for the following Cities.

**Eastern Standard.**

75° Longitude.

| | Minutes. |
|---|---|
| Bangor, Me. | − 25 |
| Augusta, Me. | − 21 |
| Portland, Me. | − 19 |
| Boston, Mass. | − 16 |
| Newport, R. I. | − 15 |
| Providence, R. I. | − 14 |
| Concord, N. H. | − 14 |
| New London, Conn. | − 11 |
| Springfield, Mass. | − 10 |
| Montpelier, Vt. | − 10 |
| Hartford, Conn. | − 9 |
| Montreal, Que. | − 6 |
| Albany, N. Y. | − 5 |
| New York, N. Y | − 4 |
| Utica, N. Y. | + 1 |
| Philadelphia, Pa. | + 1 |
| Syracuse, N. Y. | + 5 |
| Baltimore, Md. | + 6 |
| Washington, D. C. | + 8 |
| Rochester, N. Y. | + 11 |
| Buffalo, N. Y. | + 16 |
| Pittsburg, Pa. | + 20 |

**Central Standard.**

90° Longitude.

| | Minutes. |
|---|---|
| Cleveland, Ohio | − 33 |
| Columbus, Ohio | − 28 |
| Detroit, Mich. | − 28 |
| Toledo, Ohio | − 26 |
| Dayton, Ohio | − 23 |
| Cincinnati, Ohio | − 22 |
| Louisville, Ky. | − 18 |
| Indianapolis, Ind. | − 16 |
| Chicago, Ill. | − 10 |
| Milwaukee, Wis. | − 8 |
| Springfield, Ill. | − 2 |
| Memphis, Tenn. | 0 |
| New Orleans, La. | 0 |
| St. Louis, Mo. | + 1 |
| Rock Island, Ill. | + 3 |
| Dubuque, Iowa | + 3 |
| Burlington, Iowa | + 5 |
| St. Paul, Minn. | + 12 |
| Des Moines, Iowa | + 14 |
| Kansas City, Mo. | + 18 |
| Galveston, Texas | + 19 |
| Omaha, Neb. | + 24 |

**Mountain Standard.**

105° Longitude.

| | |
|---|---|
| Denver, Col. | 0 |
| Salt Lake City, Utah | + 28 |

**Pacific Standard.**

120° Longitude.

| | |
|---|---|
| Sacramento, Cal. | + 6 |
| San Francisco, Cal. | + 10 |

## TIDE TABLE.

**(The following values are derived from late determinations of the UNITED STATES COAST SURVEY.)**

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

| EASTERN STANDARD. | | H. | M. | Mean range. Feet. |
|---|---|---|---|---|
| Eastport, Me. | add | 2 | 33 | 18.2 |
| Bar Harbor, Me. | " | 2 | 27 | 10.4 |
| Portland, Me. | " | 2 | 55 | 9.1 |
| Portsmouth, N. H. | " | 3 | 3 | 8.6 |
| Isle of Shoals, N. H. | " | 2 | 57 | 8.7 |
| Newburyport, Mass. | " | 3 | 16 | 7.5 |
| Gloucester, Mass. | " | 2 | 44 | 8.9 |
| Salem, Mass. | " | 2 | 54 | 9.2 |
| Nahant, Mass. | " | 2 | 50 | 9.4 |
| Plymouth, Mass. | " | 2 | 59 | 10.2 |
| Provincetown, Mass. | " | 3 | 0 | 9.2 |
| Nantucket, Mass. | " | 4 | 15 | 3.0 |
| Vineyard Haven, Mass. | " | 3 | 32 | 1.6 |
| Wood's Hole, North Side, Mass. | sub. | 0 | 21 | 4.0 |
| Wood's Hole, South Side, Mass. | add | 0 | 14 | 1.6 |
| New Bedford Entrance (Dumpling Rock), Mass. | sub. | 0 | 20 | 3.7 |
| Newport, R. I. | " | 0 | 33 | 3.9 |
| Point Judith, R. I. | " | 0 | 45 | 3.1 |
| Sandy Hook, N. J. | " | 0 | 32 | 4.7 |
| Watch Hill, R. I. | add | 0 | 44 | 2.7 |
| Stonnington, Conn. | " | 0 | 52 | 2.7 |
| New London, Conn. | " | 1 | 14 | 2.6 |
| New Haven, Conn. | " | 2 | 57 | 6.0 |
| Bridgeport, Conn. | " | 3 | 1 | 6.5 |
| Montauk Point, L. I. | " | 0 | 4 | 1.9 |
| Throg's Neck, N. Y. | " | 3 | 12 | 7.3 |
| Cape May Landing, N. J. | " | 0 | 16 | 4.8 |
| Newcastle, Del. | " | 3 | 52 | 6.5 |
| Philadelphia, Penn. | " | 5 | 36 | 6.0 |
| Annapolis, Md. | sub. | 3 | 19 | 0.9 |
| Baltimore, Md. | " | 1 | 24 | 1.3 |
| Richmond, Va. | " | 3 | 25 | 3.6 |
| Hatteras Inlet, N. C. | " | 0 | 56 | 2.0 |
| Beaufort, N. C. | " | 0 | 35 | 2.8 |
| Charleston (C. H. Wharf), S. C. | " | 0 | 19 | 5.1 |
| **CENTRAL STANDARD.** | | | | |
| Fort Pulaski (Savannah Ent.), Ga. | " | 1 | 21 | 6.9 |
| Savannah (Dry Dock Wharf), Ga. | " | 0 | 26 | 6.5 |
| St. Augustine, Fla. | " | 0 | 17 | 4.2 |
| Key West, Fla. | add | 0 | 26 | 1.2 |
| Tampa Bay (Egmont Key), Fla. | " | 2 | 49 | 1.4 |
| Cedar Keys (Depot Key), Fla. | " | 4 | 52 | 2.6 |

Multiply the principal by as many hundreds as there are days, and

| | | |
|---|---|---|
| For 4 per cent | Divide by | 90 |
| " 5 " " | " " | 72 |
| " 6 " " | " " | 60 |
| " 7 " " | " " | 52 |
| " 8 " " | " " | 45 |
| " 9 " " | " " | 40 |
| " 10 " " | " " | 36 |
| " 12 " " | " " | 30 |

EXAMPLE — INTEREST on $50 for 30 days at 4 %. 50 x .30 = 15.00, which divided by 90 = 16⅔ cents — the required result.

## FESTIVALS AND FASTS.

| | |
|---|---|
| Epiphany, | Jan. 6 |
| Septuagesima Sunday, | Jan. 29 |
| Quinquagesima—Shrove Sunday, | Feb. 12 |
| Ash Wednesday, | Feb. 15 |
| First Sunday in Lent, | Feb. 19 |
| St. Patrick, | Mar. 17 |
| Palm Sunday, | Mar. 26 |
| Good Friday, | Mar. 31 |
| Easter Sunday, | April 2 |
| Low Sunday, | April 9 |
| Rogation Sunday, | May 7 |
| Ascension Day—Holy Thursday, | May 11 |
| Pentecost—Whit Sunday, | May 21 |
| Trinity Sunday, | May 28 |
| Corpus Christi, | June 1 |
| St. John Baptist, | June 24 |
| Michaelmas Day, | Sept. 29 |
| St. Andrew, | Nov. 30 |
| First Sunday in Advent, | Dec. 3 |
| Christmas Day, | Dec. 25 |

## THE SEASONS.

| | Eastern Standard. | Central Standard. |
|---|---|---|
| Vernal Equinox, | Mar. 20, 4h. M. | Mar. 20, 3h. M. |
| Summer Solstice, | June 21, 0h. M. | June 20, 11h. A. |
| Autumnal Equinox, | Sept. 22, 2h. A. | Sept. 22, 1h. A. |
| Winter Solstice, | Dec. 21, 9h. M. | Dec. 21, 8h. M. |
| | **Mountain Standard.** | **Pacific Standard.** |
| Vernal Equinox, | Mar. 20, 2h. M. | Mar. 20, 1h. M. |
| Summer Solstice, | June 20, 10h. A. | June 20, 9h. A. |
| Autumnal Equinox, | Sept. 22, 0h. A. | Sept. 22, 11h. M. |
| Winter Solstice, | Dec. 21, 7h. M. | Dec. 21, 6h. M. |

## ECLIPSES FOR THE YEAR.

IN the year 1893 there will be two Eclipses, — both of the SUN.

I. A TOTAL ECLIPSE OF THE SUN, April 16. Invisible to North America. Visible to South America, the larger part of Africa, southern Europe, and intermediate Atlantic Ocean.

II. AN ANNULAR ECLIPSE OF THE SUN, October 9. Visible to the western halves of North and South America, (including the West Indies,) the extreme north-eastern tip of Asia, and eastern Pacific Ocean. Invisible east of a line drawn through Bismarck, (Dak.), Omaha, Memphis, and Sapelo Island, (Ga.) The path of the annulus being in the Pacific Ocean. Occurring, as a partial Eclipse, as follows: —

| | Standard. | Begins. | Ends. | Digits. Eclipsed. |
|---|---|---|---|---|
| | | H. M. | H. M. | |
| Lawrence, Kan | Central | 2 2 A. | 2 41 A. | Small. |
| Galveston, Tex | " | 1 56 A. | 3 36 A. | 2 |
| San Antonio, Tex | " | 1 58 A. | 3 33 A. | 3 |
| Austin, Tex | " | 1 49 A. | 3 31 A. | 3 |
| New Orleans, La | " | 2 27 A. | 3 31 A. | 1 |
| Mobile, Ala | " | 2 25 A. | 3 25 A. | 1 |
| Pensacola, Fla | " | 2 27 A. | 3 25 A. | 1 |
| Bismarck, Dak | Mountain | 0 55 A. | 1 18 A. | Slight. |
| Denver, Col | " | 0 13 A. | 1 56 A. | 2 |
| Salt Lake City, Utah | " | 11 47 M. | 1 31 A. | 3 |
| Santa Fe, N. Mex | " | 0 7 A. | 2 9 A. | 3 |
| Gallatin, Mont | " | 11 55 M. | 1 35 A. | 2 |
| San Francisco, Cal | Pacific | 10 10 M. | 0 55 A. | 5 |
| Portland, Ore | " | 10 25 M. | 0 57 A. | 4 |
| Victoria, V. C. I | " | 10 26 M. | 0 28 A. | 3 |
| Los Angeles, Cal | " | 10 31 M. | 1 8 A. | 5 |
| San Diego, Cal | " | 10 31 M. | 1 13 A. | 6 |
| Monterey, Cal | " | 10 22 M. | 0 59 A. | 6 |
| Virginia City, Nev | " | 10 28 M. | 0 54 A. | 5 |

## MORNING AND EVENING STARS.

MERCURY will be Evening Star about March 14, July 11, and November 5; and Morning Star about April 28, August 25, and December 14.

VENUS will be Morning Star till May 2; and Evening Star the rest of the year.

JUPITER will be Evening Star till April 27; then Morning Star till November 18; and Evening Star again the rest of the year.

## CHRONOLOGICAL CYCLES.

| | |
|---|---|
| Dominical Letter | A. |
| Epact | 12 |
| Lunar Cycle, or Golden Number | 13 |
| Solar Cycle | 26 |
| Roman Indiction | 6 |
| Julian Period | 6666 |

## The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

## The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

## The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

## THE SIZE OF THE SEAS.

| | Miles long. |
|---|---|
| Mediterranean | 2,000 |
| Caribbean | 1,800 |
| Red | 1,400 |
| Black | 932 |
| Baltic | 600 |

## AREA OF OCEANS IN SQUARE MILES.

| | |
|---|---|
| Pacific | 80,000,000 |
| Atlantic | 40,000,000 |
| Indian | 20,000,000 |
| Southern | 10,000,000 |
| Arctic | 5,000,000 |

## SIZE OF THE GREAT LAKES.

| | Miles long. | Miles wide. |
|---|---|---|
| Superior | 380 | 120 |
| Michigan | 330 | 60 |
| Ontario | 170 | 40 |
| Champlain | 123 | 12 |
| Erie | 270 | 50 |
| Huron | 250 | 90 |
| Winnipeg | 240 | 40 |
| Athabaska | 200 | 20 |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| FULL MOON | 2d. 8h. 41m. A.M. | 2d. 7h. 41m. A.M. |
| LAST QUARTER | 9d. 5h. 28m. P.M. | 9d. 4h. 28m. P.M. |
| NEW MOON | 17d. 8h. 28m. P.M. | 17d. 7h. 28m. P.M. |
| FIRST QUARTER | 25d. 1h. 27m. A.M. | 25d. 0h. 27m. A.M. |
| FULL MOON | 31d. 9h. 11m. P.M. | 31d. 8h. 11m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of W'k. | Sun R.&S. | Moon R.&S. | Stand. Time. | Sun R.&S. | Moon R.&S. | Stand. Time. | Sun R.&S. | Moon R.&S. |
| 1 | S | r7 30 | 6 51 | 10 11 | r7 25 | 6 44 | 7 8 | r7 19 | 6 37 |
| 2 | Mo. | s4 40 | rises. | 11 9 | s4 45 | rises. | 8 3 | s4 50 | rises. |
| 3 | Tu. | r7 30 | 5 50 | ..... | r7 25 | 5 56 | 9 0 | r7 19 | 6 3 |
| 4 | We. | s4 42 | 7 5 | 0 28 | s4 47 | 7 10 | 9 51 | s4 52 | 7 16 |
| 5 | Th. | r7 30 | 8 18 | 1 17 | r7 25 | 8 21 | 10 36 | r7 19 | 8 26 |
| 6 | Fr. | s4 44 | 9 27 | 2 3 | s4 49 | 9 29 | 11 19 | s4 54 | 9 32 |
| 7 | Sa. | r7 29 | 10 33 | 2 45 | r7 25 | 10 34 | ..... | r7 19 | 10 36 |
| 8 | S | s4 46 | 11 36 | 3 26 | s4 51 | 11 35 | 0 24 | s4 56 | 11 36 |
| 9 | Mo. | r7 29 | morn | 4 9 | r7 24 | morn | 1 8 | r7 19 | morn |
| 10 | Tu. | s4 48 | 0 38 | 4 55 | s4 53 | 0 36 | 1 54 | s4 58 | 0 35 |
| 11 | We. | r7 28 | 1 40 | 5 43 | r7 24 | 1 37 | 2 41 | r7 18 | 1 35 |
| 12 | Th. | s4 50 | 2 43 | 6 34 | s4 55 | 2 39 | 3 31 | s5 0 | 2 35 |
| 13 | Fr. | r7 28 | 3 47 | 7 27 | r7 23 | 3 42 | 4 24 | r7 18 | 3 36 |
| 14 | Sa. | s4 53 | 4 51 | 8 22 | s4 57 | 4 45 | 5 18 | s5 2 | 4 38 |
| 15 | S | r7 27 | 5 52 | 9 16 | r7 22 | 5 45 | 6 13 | r7 17 | 5 38 |
| 16 | Mo. | s4 55 | 6 46 | 10 8 | s5 0 | 6 39 | 7 5 | s5 4 | 6 32 |
| 17 | Tu. | r7 26 | sets. | 10 58 | r7 21 | sets. | 7 52 | r7 16 | sets. |
| 18 | We. | s4 57 | 5 29 | 11 42 | s5 2 | 5 34 | 8 38 | s5 6 | 5 41 |
| 19 | Th. | r7 24 | 6 41 | 0 4 | r7 20 | 6 45 | 9 24 | r7 15 | 6 50 |
| 20 | Fr. | s5 0 | 7 53 | 0 48 | s5 4 | 7 56 | 10 6 | s5 9 | 8 0 |
| 21 | Sa. | r7 23 | 9 4 | 1 30 | r7 19 | 9 5 | 10 46 | r7 14 | 9 8 |
| 22 | S | s5 2 | 10 16 | 2 13 | s5 7 | 10 16 | 11 28 | s5 11 | 10 17 |
| 23 | Mo. | r7 22 | 11 28 | 2 54 | r7 17 | 11 26 | ..... | r7 13 | 11 26 |
| 24 | Tu. | s5 5 | morn | 3 40 | s5 9 | morn | 0 39 | s5 13 | morn |
| 25 | We. | r7 21 | 0 42 | 4 32 | r7 16 | 0 39 | 1 31 | r7 12 | 0 37 |
| 26 | Th. | s5 7 | 1 59 | 5 32 | s5 11 | 1 55 | 2 30 | s5 15 | 1 51 |
| 27 | Fr. | r7 18 | 3 17 | 6 40 | r7 14 | 3 11 | 3 37 | r7 10 | 3 6 |
| 28 | Sa. | s5 10 | 4 32 | 7 50 | s5 14 | 4 25 | 4 46 | s5 18 | 4 19 |
| 29 | S | r7 16 | 5 41 | 8 59 | r7 13 | 5 34 | 5 57 | r7 9 | 5 26 |
| 30 | Mo. | s5 13 | 6 39 | 10 2 | s5 16 | 6 32 | 7 0 | s5 20 | 6 25 |
| 31 | Tu. | r7 14 | rises. | 10 58 | r7 11 | rises. | 7 52 | r7 7 | rises. |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER..... | 8d. 3h. 12m. P.M. | 8d. 2h. 12m. P.M. |
| NEW MOON..... | 16d. 11h. 16m. A.M. | 16d. 10h. 16m. A.M. |
| FIRST QUARTER..... | 23d. 9h. 14m. A.M. | 23d. 8h. 14m. A.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | WE. | r7 13 | 5 55 | 11 45 | r7 10 | 5 59 | 8 41 | r7 6 | 6 4 |
| 2 | TH. | s5 17 | 7 7 | 0 7 | s5 20 | 7 10 | 9 27 | s5 24 | 7 13 |
| 3 | FR. | r7 11 | 8 15 | 0 49 | r7 8 | 8 16 | 10 7 | r7 4 | 8 19 |
| 4 | SA. | s5 19 | 9 20 | 1 29 | s5 22 | 9 20 | 10 43 | s5 26 | 9 21 |
| 5 | S | r7 9 | 10 24 | 2 7 | r7 6 | 10 23 | 11 20 | r7 2 | 10 22 |
| 6 | MO. | s5 22 | 11 27 | 2 45 | s5 25 | 11 24 | ..... | s5 28 | 11 23 |
| 7 | TU. | r7 7 | morn | 3 23 | r7 3 | morn | 0 22 | r7 0 | morn |
| 8 | WE. | s5 24 | 0 30 | 4 6 | s5 27 | 0 26 | 1 5 | s5 30 | 0 23 |
| 9 | TH. | r7 4 | 1 30 | 4 55 | r7 1 | 1 28 | 1 54 | r6 58 | 1 23 |
| 10 | FR. | s5 27 | 2 37 | 5 50 | s5 30 | 2 31 | 2 48 | s5 33 | 2 25 |
| 11 | SA. | r7 1 | 3 39 | 6 50 | r6 59 | 3 32 | 3 48 | r6 56 | 3 25 |
| 12 | S | s5 30 | 4 37 | 7 52 | s5 32 | 4 30 | 4 48 | s5 35 | 4 22 |
| 13 | MO. | r6 58 | 5 29 | 8 51 | r6 56 | 5 22 | 5 48 | r6 53 | 5 15 |
| 14 | TU. | s5 32 | 6 12 | 9 45 | s5 35 | 6 6 | 6 44 | s5 38 | 6 0 |
| 15 | WE. | r6 56 | 6 48 | 10 37 | r6 53 | 6 43 | 7 31 | r6 51 | 6 38 |
| 16 | TH. | s5 35 | sets. | 11 21 | s5 37 | sets. | 8 15 | s5 39 | sets. |
| 17 | FR. | r6 53 | 6 51 | ..... | r6 51 | 6 53 | 9 0 | r6 48 | 6 56 |
| 18 | SA. | s5 37 | 8 3 | 0 23 | s5 39 | 8 3 | 9 42 | s5 42 | 8 5 |
| 19 | S | r6 50 | 9 17 | 1 4 | r6 48 | 9 16 | 10 21 | r6 46 | 9 16 |
| 20 | MO. | s5 40 | 10 32 | 1 45 | s5 42 | 10 29 | 11 1 | s5 44 | 10 28 |
| 21 | TU. | r6 47 | 11 49 | 2 28 | r6 45 | 11 45 | 11 48 | r6 43 | 11 41 |
| 22 | WE. | s5 42 | morn | 3 16 | s5 44 | morn | 0 14 | s5 46 | morn |
| 23 | TH. | r6 44 | 1 7 | 4 12 | r6 42 | 1 2 | 1 11 | r6 40 | 0 56 |
| 24 | FR. | s5 45 | 2 23 | 5 19 | s5 47 | 2 17 | 2 17 | s5 48 | 2 10 |
| 25 | SA. | r6 41 | 3 32 | 6 31 | r6 39 | 3 25 | 3 29 | r6 38 | 3 17 |
| 26 | S | s5 47 | 4 32 | 7 45 | s5 49 | 4 25 | 4 42 | s5 50 | 4 18 |
| 27 | MO. | r6 38 | 5 21 | 8 52 | r6 36 | 5 15 | 5 49 | r6 35 | 5 8 |
| 28 | TU. | s5 50 | 5 59 | 9 49 | s5 51 | 5 54 | 6 47 | s5 52 | 5 49 |
| .. | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| .. | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| .. | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| FULL MOON..... | 2d. 11h. 3m. A.M. | 2d. 10h. 3m. A.M. |
| LAST QUARTER..... | 10d. 0h. 13m. P.M. | 10d. 11h. 13m. A.M. |
| NEW MOON..... | 17d. 11h. 33m. P.M. | 17d. 10h. 33m. P.M. |
| FIRST QUARTER..... | 24d. 4h. 33m. P.M. | 24d. 3h. 33m. P.M. |

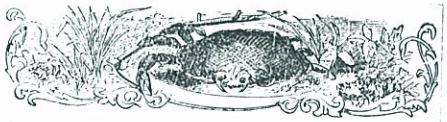
| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | WE. | r6 35 | 6 29 | 10 40 | r6 33 | 6 25 | 7 35 | r6 32 | 6 22 |
| 2 | TH. | s5 52 | rises. | 11 20 | s5 53 | rises. | 8 14 | s5 54 | rises. |
| 3 | FR. | r6 32 | 7 3 | 11 58 | r6 30 | 7 4 | 8 56 | r6 29 | 7 5 |
| 4 | SA. | s5 54 | 8 9 | 0 15 | s5 55 | 8 8 | 9 32 | s5 57 | 8 8 |
| 5 | S | r6 28 | 9 13 | 0 52 | r6 27 | 9 11 | 10 8 | r6 26 | 9 10 |
| 6 | MO. | s5 57 | 10 16 | 1 28 | s5 58 | 10 13 | 10 41 | s5 59 | 10 10 |
| 7 | TU. | r6 25 | 11 20 | 2 5 | r6 24 | 11 16 | 11 18 | r6 23 | 11 11 |
| 8 | WE. | s5 59 | morn | 2 44 | s6 0 | morn | ..... | s6 1 | morn |
| 9 | TH. | r6 21 | 0 25 | 3 27 | r6 21 | 0 19 | 0 26 | r6 20 | 0 14 |
| 10 | FR. | s6 1 | 1 27 | 4 17 | s6 2 | 1 21 | 1 16 | s6 3 | 1 14 |
| 11 | SA. | r6 18 | 2 26 | 5 15 | r6 17 | 2 19 | 2 14 | r6 17 | 2 11 |
| 12 | S | s6 4 | 3 20 | 6 18 | s6 4 | 3 13 | 3 16 | s6 5 | 3 5 |
| 13 | MO. | r6 15 | 4 6 | 7 24 | r6 14 | 3 59 | 4 20 | r6 14 | 3 53 |
| 14 | TU. | s6 6 | 4 45 | 8 24 | s6 6 | 4 39 | 5 20 | s6 7 | 4 33 |
| 15 | WE. | r6 11 | 5 17 | 9 19 | r6 11 | 5 12 | 6 17 | r6 11 | 5 8 |
| 16 | TH. | s6 8 | 5 44 | 10 10 | s6 9 | 5 41 | 7 6 | s6 9 | 5 39 |
| 17 | FR. | r6 8 | sets. | 10 53 | r6 8 | sets. | 7 48 | r6 8 | sets. |
| 18 | SA. | s6 11 | 6 58 | 11 34 | s6 11 | 6 58 | 8 29 | s6 11 | 6 58 |
| 19 | S | r6 4 | 8 15 | ..... | r6 4 | 8 13 | 9 13 | r6 5 | 8 12 |
| 20 | MO. | s6 13 | 9 34 | 0 36 | s6 13 | 9 30 | 9 55 | s6 13 | 9 27 |
| 21 | TU. | r6 1 | 10 54 | 1 20 | r6 1 | 10 49 | 10 39 | r6 2 | 10 44 |
| 22 | WE. | s6 15 | morn | 2 9 | s6 15 | morn | 11 30 | s6 15 | morn |
| 23 | TH. | r5 57 | 0 13 | 3 2 | r5 58 | 0 7 | ..... | r5 58 | 0 0 |
| 24 | FR. | s6 17 | 1 26 | 4 3 | s6 17 | 1 19 | 1 2 | s6 16 | 1 12 |
| 25 | SA. | r5 54 | 2 29 | 5 14 | r5 54 | 2 22 | 2 12 | r5 55 | 2 14 |
| 26 | S | s6 20 | 3 20 | 6 27 | s6 19 | 3 14 | 3 25 | s6 18 | 3 7 |
| 27 | MO. | r5 50 | 4 1 | 7 36 | r5 51 | 3 56 | 4 32 | r5 52 | 3 50 |
| 28 | TU. | s6 22 | 4 33 | 8 36 | s6 21 | 4 29 | 5 34 | s6 20 | 4 25 |
| 29 | WE. | r5 47 | 4 58 | 9 27 | r5 48 | 4 55 | 6 25 | r5 49 | 4 53 |
| 30 | TH. | s6 24 | 5 10 | 10 11 | s6 23 | 5 17 | 7 8 | s6 22 | 5 17 |
| 31 | FR. | r5 43 | 5 38 | 10 49 | r5 44 | 5 38 | 7 44 | r5 46 | 5 38 |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| FULL MOON..... | 1d. 2h. 18m. A.M. | 1d. 1h. 18m. A.M. |
| LAST QUARTER..... | 9d. 6h. 35m. A.M. | 9d. 5h. 35m. A.M. |
| NEW MOON..... | 16d. 9h. 34m. A.M. | 16d. 8h. 34m. A.M. |
| FIRST QUARTER..... | 23d. 0h. 26m. A.M. | 23d. 11h. 26m. P.M. |
| FULL MOON..... | 30d. 6h. 23m. P.M. | 30d. 5h. 23m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | SA. | r5 42 | rises. | 11 25 | r5 43 | rises. | 8 19 | r5 44 | rises. |
| 2 | S | s6 28 | 8 4 | 11 59 | s6 26 | 8 1 | 8 57 | s6 25 | 7 59 |
| 3 | MO. | r5 38 | 9 8 | 0 16 | r5 39 | 9 4 | 9 33 | r5 41 | 9 0 |
| 4 | TU. | s6 30 | 10 12 | 0 53 | s6 28 | 10 7 | 10 9 | s6 27 | 10 1 |
| 5 | WE. | r5 35 | 11 16 | 1 32 | r5 36 | 11 10 | 10 46 | r5 38 | 11 3 |
| 6 | TH. | s6 32 | morn | 2 13 | s6 30 | morn | 11 30 | s6 29 | morn |
| 7 | FR. | r5 31 | 0 17 | 2 58 | r5 33 | 0 10 | ..... | r5 35 | 0 3 |
| 8 | SA. | s6 34 | 1 12 | 3 49 | s6 33 | 1 5 | 0 48 | s6 31 | 0 57 |
| 9 | S | r5 28 | 2 0 | 4 46 | r5 30 | 1 53 | 1 45 | r5 32 | 1 46 |
| 10 | MO. | s6 36 | 2 41 | 5 48 | s6 35 | 2 35 | 2 46 | s6 33 | 2 29 |
| 11 | TU. | r5 25 | 3 15 | 6 52 | r5 27 | 3 10 | 3 49 | r5 29 | 3 5 |
| 12 | WE. | s6 39 | 3 43 | 7 51 | s6 37 | 3 39 | 4 48 | s6 35 | 3 36 |
| 13 | TH. | r5 21 | 4 8 | 8 45 | r5 24 | 4 6 | 5 42 | r5 26 | 4 4 |
| 14 | FR. | s6 41 | 4 31 | 9 34 | s6 39 | 4 30 | 6 33 | s6 37 | 4 30 |
| 15 | SA. | r5 18 | 4 54 | 10 21 | r5 20 | 4 51 | 7 17 | r5 23 | 4 56 |
| 16 | S | s6 43 | sets. | 11 5 | s6 41 | sets. | 7 59 | s6 38 | sets. |
| 17 | MO. | r5 15 | 8 29 | 11 49 | r5 17 | 8 25 | 8 46 | r5 20 | 8 20 |
| 18 | TU. | s6 44 | 9 53 | 0 12 | s6 43 | 9 47 | 9 36 | s6 40 | 9 41 |
| 19 | WE. | r5 12 | 11 12 | 1 2 | r5 14 | 11 5 | 10 25 | r5 17 | 10 58 |
| 20 | TH. | s6 48 | morn | 1 58 | s6 45 | morn | 11 22 | s6 42 | morn |
| 21 | FR. | r5 9 | 0 21 | 2 56 | r5 11 | 0 14 | ..... | r5 14 | 0 6 |
| 22 | SA. | s6 50 | 1 18 | 3 59 | s6 47 | 1 11 | 0 58 | s6 44 | 1 4 |
| 23 | S | r5 6 | 2 2 | 5 7 | r5 9 | 1 56 | 2 5 | r5 12 | 1 50 |
| 24 | MO. | s6 52 | 2 35 | 6 11 | s6 49 | 2 30 | 3 9 | s6 46 | 2 26 |
| 25 | TU. | r5 3 | 3 2 | 7 12 | r5 6 | 2 59 | 4 9 | r5 9 | 2 56 |
| 26 | WE. | s6 54 | 3 25 | 8 6 | s6 51 | 3 23 | 5 3 | s6 48 | 3 22 |
| 27 | TH. | r5 0 | 3 45 | 8 53 | r5 3 | 3 44 | 5 50 | r5 7 | 3 44 |
| 28 | FR. | s6 56 | 4 3 | 9 35 | s6 53 | 4 3 | 6 33 | s6 50 | 4 5 |
| 29 | SA. | r4 57 | 4 22 | 10 14 | r5 0 | 4 24 | 7 11 | r5 4 | 4 26 |
| 30 | S | s6 59 | 4 42 | 10 51 | s6 55 | 4 45 | 7 45 | s6 52 | 4 49 |
| .. | .... | ..... | .... | ..... | ..... | ..... | ..... | ..... | ..... |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER..... | 8d. 9h. 24m. P.M. | 8d. 8h. 24m. P.M. |
| NEW MOON..... | 15d. 5h. 46m. P.M. | 15d. 4h. 46m. P.M. |
| FIRST QUARTER..... | 22d. 9h. 52m. A.M. | 22d. 8h. 52m. A.M. |
| FULL MOON..... | 30d. 10h. 22m. A.M. | 30d. 9h. 22m. A.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | MO. | r4 54 | rises. | 11 27 | r4 58 | rises. | 8 21 | r5 2 | rises. |
| 2 | TU. | s7 1 | 9 5 | ..... | s6 57 | 8 59 | 9 2 | s6 54 | 8 53 |
| 3 | WE. | r4 52 | 10 7 | 0 24 | r4 55 | 10 0 | 9 43 | r4 59 | 9 53 |
| 4 | TH. | s7 3 | 11 4 | 1 6 | s7 0 | 10 57 | 10 23 | s6 56 | 10 49 |
| 5 | FR. | r4 49 | 11 55 | 1 50 | r4 53 | 11 48 | 11 7 | r4 57 | 11 40 |
| 6 | SA. | s7 5 | morn | 2 37 | s7 2 | morn | 11 58 | s6 57 | morn |
| 7 | S | r4 47 | 0 39 | 3 26 | r4 51 | 0 33 | 0 24 | r4 55 | 0 26 |
| 8 | MO. | s7 8 | 1 16 | 4 19 | s7 4 | 1 10 | 1 18 | s6 59 | 1 5 |
| 9 | TU. | r4 44 | 1 45 | 5 16 | r4 48 | 1 41 | 2 15 | r4 53 | 1 37 |
| 10 | WE. | s7 10 | 2 10 | 6 15 | s7 6 | 2 7 | 3 13 | s7 1 | 2 5 |
| 11 | TH. | r4 42 | 2 33 | 7 11 | r4 46 | 2 31 | 4 8 | r4 51 | 2 31 |
| 12 | FR. | s7 12 | 2 55 | 8 5 | s7 8 | 2 55 | 5 2 | s7 3 | 2 55 |
| 13 | SA. | r4 40 | 3 17 | 8 58 | r4 41 | 3 18 | 5 55 | r4 49 | 3 20 |
| 14 | S | s7 14 | 3 42 | 9 49 | s7 10 | 3 45 | 6 47 | s7 5 | 3 48 |
| 15 | MO. | r4 38 | 4 11 | 10 40 | r4 42 | 4 15 | 7 35 | r4 47 | 4 20 |
| 16 | TU. | s7 16 | sets. | 11 30 | s7 11 | sets. | 8 25 | s7 7 | sets. |
| 17 | WE. | r4 36 | 10 4 | ..... | r4 40 | 9 57 | 9 23 | r4 45 | 9 49 |
| 18 | TH. | s7 18 | 11 8 | 0 53 | s7 13 | 11 1 | 10 18 | s7 8 | 10 53 |
| 19 | FR. | r4 34 | 11 58 | 1 51 | r4 39 | 11 52 | 11 51 | r4 44 | 11 45 |
| 20 | SA. | s7 20 | morn | 2 48 | s7 15 | morn | ..... | s7 10 | morn |
| 21 | S | r4 32 | 0 37 | 3 45 | r4 37 | 0 32 | 0 41 | r4 42 | 0 27 |
| 22 | MO. | s7 22 | 1 7 | 4 43 | s7 17 | 1 3 | 1 42 | s7 12 | 1 0 |
| 23 | TU. | r4 31 | 1 31 | 5 40 | r4 36 | 1 29 | 2 38 | r4 41 | 1 27 |
| 24 | WE. | s7 24 | 1 51 | 6 34 | s7 19 | 1 50 | 3 31 | s7 13 | 1 50 |
| 25 | TH. | r4 20 | 2 10 | 7 24 | r4 34 | 2 10 | 4 21 | r4 39 | 2 11 |
| 26 | FR. | s7 26 | 2 28 | 8 10 | s7 20 | 2 29 | 5 7 | s7 15 | 2 32 |
| 27 | SA. | r4 28 | 2 48 | 8 55 | r4 33 | 2 51 | 5 52 | r4 38 | 2 54 |
| 28 | S | s7 27 | 3 10 | 9 37 | s7 22 | 3 14 | 6 35 | s7 17 | 3 18 |
| 29 | MO. | r4 27 | 3 34 | 10 19 | r4 32 | 3 39 | 7 16 | r4 37 | 3 45 |
| 30 | TU. | s7 20 | rises | 11 1 | s7 23 | rises. | 7 54 | s7 18 | rises. |
| 31 | WE. | r4 26 | 8 59 | 11 41 | r4 31 | 8 52 | 8 38 | r4 36 | 8 44 |



| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER ..... | 7d. 8h. 43m. A.M. | 7d. 7h. 43m. A.M. |
| NEW MOON ..... | 14d. 0h. 51m. A.M. | 13d. 11h. 51m. P.M. |
| FIRST QUARTER ..... | 20d. 9h. 37m. P.M. | 20d. 8h. 37m. P.M. |
| FULL MOON ..... | 29d. 1h. 25m A.M. | 29d. 0h. 25m. A.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | TH. | r4 25 | 9 52 | 0 2 | r4 30 | 9 45 | 9 23 | r4 36 | 9 37 |
| 2 | FR. | s7 31 | 10 38 | 0 46 | s7 26 | 10 31 | 10 7 | s7 20 | 10 24 |
| 3 | SA. | r4 24 | 11 15 | 1 32 | r4 30 | 11 9 | 10 49 | r4 35 | 11 3 |
| 4 | ☰ | s7 32 | 11 46 | 2 17 | s7 27 | 11 41 | 11 36 | s7 21 | 11 37 |
| 5 | MO. | r4 24 | morn | 3 3 | r4 29 | morn | 0 0 | r4 35 | morn |
| 6 | TU. | s7 34 | 0 13 | 3 50 | s7 28 | 0 9 | 0 49 | s7 23 | 0 7 |
| 7 | WE. | r4 23 | 0 36 | 4 41 | r4 29 | 0 34 | 1 39 | r4 34 | 0 32 |
| 8 | TH. | s7 35 | 0 57 | 5 34 | s7 29 | 0 56 | 2 32 | s7 24 | 0 56 |
| 9 | FR. | r4 23 | 1 18 | 6 29 | r4 28 | 1 19 | 3 27 | r4 34 | 1 18 |
| 10 | SA. | s7 36 | 1 40 | 7 27 | s7 31 | 1 42 | 4 23 | s7 25 | 1 45 |
| 11 | ☰ | r4 22 | 2 6 | 8 25 | r4 28 | 2 9 | 5 21 | r4 34 | 2 14 |
| 12 | MO. | s7 37 | 2 39 | 9 23 | s7 31 | 2 44 | 6 21 | s7 26 | 2 50 |
| 13 | TU. | r4 22 | 3 20 | 10 22 | r4 28 | 3 26 | 7 18 | r4 34 | 3 33 |
| 14 | WE. | s7 38 | sets. | 11 20 | s7 32 | sets. | 8 15 | s7 27 | sets. |
| 15 | TH. | r4 22 | 9 48 | ..... | r4 28 | 9 41 | 9 14 | r4 34 | 9 34 |
| 16 | FR. | s7 39 | 10 32 | 0 45 | s7 33 | 10 26 | 10 10 | s7 27 | 10 21 |
| 17 | SA. | r4 22 | 11 6 | 1 40 | r4 28 | 11 2 | 11 0 | r4 34 | 10 58 |
| 18 | ☰ | s7 39 | 11 33 | 2 31 | s7 34 | 11 30 | 11 52 | s7 28 | 11 28 |
| 19 | MO. | r4 23 | 11 55 | 3 19 | r4 28 | 11 53 | 0 17 | r4 34 | 11 53 |
| 20 | TU. | s7 40 | morn | 4 8 | s7 34 | morn | 1 7 | s7 28 | morn |
| 21 | WE. | r4 23 | 0 15 | 4 56 | r4 29 | 0 15 | 1 54 | r4 34 | 0 15 |
| 22 | TH. | s7 40 | 0 34 | 5 46 | s7 34 | 0 35 | 2 44 | s7 29 | 0 37 |
| 23 | FR. | r4 24 | 0 53 | 6 35 | r4 29 | 0 55 | 3 32 | r4 35 | 0 58 |
| 24 | SA. | s7 40 | 1 14 | 7 26 | s7 35 | 1 17 | 4 22 | s7 29 | 1 22 |
| 25 | ☰ | r4 24 | 1 38 | 8 15 | r4 30 | 1 43 | 5 12 | r4 36 | 1 48 |
| 26 | MO. | s7 40 | 2 7 | 9 3 | s7 35 | 2 13 | 6 1 | s7 29 | 2 19 |
| 27 | TU. | r4 25 | 2 41 | 9 51 | r4 31 | 2 47 | 6 49 | r4 37 | 2 55 |
| 28 | WE. | s7 40 | 3 23 | 10 40 | s7 35 | 3 30 | 7 35 | s7 29 | 3 39 |
| 29 | TH. | r4 26 | rises. | 11 24 | r4 32 | rises. | 8 18 | r4 37 | rises. |
| 30 | FR. | s7 40 | 9 16 | ..... | s7 35 | 9 10 | 9 6 | s7 29 | 9 4 |
| .. | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER ..... | 6d. 5h. 5m. P.M. | 6d. 4h. 5m. P.M. |
| NEW MOON ..... | 13d. 7h. 47m. A.M. | 13d. 6h. 47m. A.M. |
| FIRST QUARTER ..... | 20d. 0h. 2m. P.M. | 20d. 11h. 2m. A.M. |
| FULL MOON ..... | 28d. 3h. 10m. P.M. | 28d. 2h. 10m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | SA. | r4 27 | 9 49 | 0 29 | r4 32 | 9 44 | 9 49 | r4 38 | 9 39 |
| 2 | ☰ | s7 40 | 10 16 | 1 13 | s7 34 | 10 12 | 10 29 | s7 29 | 10 9 |
| 3 | MO. | r4 28 | 10 49 | 1 55 | r4 33 | 10 37 | 11 10 | r4 30 | 10 36 |
| 4 | TU. | s7 39 | 11 1 | 2 30 | s7 34 | 11 0 | 11 54 | s7 28 | 10 59 |
| 5 | WE. | r4 29 | 11 22 | 3 18 | r4 35 | 11 22 | 0 16 | r4 40 | 11 23 |
| 6 | TH. | s7 39 | 11 43 | 4 4 | s7 33 | 11 44 | 1 3 | s7 28 | 11 47 |
| 7 | FR. | r4 30 | morn | 4 56 | r4 36 | morn | 1 54 | r4 41 | morn |
| 8 | SA. | s7 38 | 0 7 | 5 52 | s7 33 | 0 10 | 2 50 | s7 27 | 0 14 |
| 9 | ☰ | r4 32 | 0 35 | 6 54 | r4 38 | 0 39 | 3 52 | r4 43 | 0 45 |
| 10 | MO. | s7 37 | 1 10 | 8 2 | s7 32 | 1 16 | 4 50 | s7 26 | 1 22 |
| 11 | TU. | r4 33 | 1 57 | 9 9 | r4 39 | 2 4 | 6 8 | r4 44 | 2 12 |
| 12 | WE. | s7 36 | 2 56 | 10 14 | s7 31 | 3 3 | 7 10 | s7 26 | 3 12 |
| 13 | TH. | r4 35 | sets. | 11 13 | r4 40 | sets. | 8 8 | r4 45 | sets. |
| 14 | FR. | s7 35 | 9 1 | ..... | s7 30 | 8 56 | 9 4 | s7 24 | 8 52 |
| 15 | SA. | r4 37 | 9 32 | 0 31 | r4 42 | 9 28 | 9 54 | r4 47 | 9 26 |
| 16 | ☰ | s7 34 | 9 57 | 1 19 | s7 29 | 9 55 | 10 37 | s7 23 | 9 54 |
| 17 | MO. | r4 38 | 10 18 | 2 3 | r4 43 | 10 17 | 11 19 | r4 48 | 10 17 |
| 18 | TU. | s7 32 | 10 38 | 2 45 | s7 28 | 10 38 | ..... | s7 22 | 10 40 |
| 19 | WE. | r4 40 | 10 57 | 3 26 | r4 45 | 10 59 | 0 24 | r4 50 | 11 2 |
| 20 | TH. | s7 31 | 11 17 | 4 10 | s7 26 | 11 20 | 1 9 | s7 21 | 11 24 |
| 21 | FR. | r4 42 | 11 40 | 4 57 | r4 47 | 11 44 | 1 55 | r4 52 | 11 49 |
| 22 | SA. | s7 29 | morn | 5 47 | s7 24 | morn | 2 45 | s7 19 | morn |
| 23 | ☰ | r4 44 | 0 7 | 6 42 | r4 48 | 0 12 | 3 39 | r4 53 | 0 19 |
| 24 | MO. | s7 27 | 0 39 | 7 38 | s7 23 | 0 45 | 4 35 | s7 18 | 0 53 |
| 25 | TU. | r4 46 | 1 19 | 8 35 | r4 50 | 1 26 | 5 32 | r4 55 | 1 34 |
| 26 | WE. | s7 25 | 2 7 | 9 29 | s7 21 | 2 14 | 6 27 | s7 16 | 2 23 |
| 27 | TH. | r4 48 | 3 3 | 10 19 | r4 52 | 3 10 | 7 16 | r4 57 | 3 18 |
| 28 | FR. | s7 23 | rises. | 11 6 | s7 10 | rises. | 7 59 | s7 14 | rises. |
| 29 | SA. | r4 50 | 8 20 | 11 47 | r4 54 | 8 16 | 8 44 | r4 58 | 8 12 |
| 30 | ☰ | s7 21 | 8 45 | 0 8 | s7 1[illegible] | 8 42 | 9 27 | s7 12 | 8 40 |
| 31 | MO. | r4 52 | 9 7 | 0 48 | r4 56 | 9 5 | 10 6 | r5 0 | 9 5 |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER ..... | 4d. 11h. 23m. P.M. | 4d. 10h. 23m. P.M. |
| NEW MOON ..... | 11d. 3h. 48m. P.M. | 11d. 2h. 48m. P.M. |
| FIRST QUARTER ..... | 19d. 4h. 52m. A.M. | 19d. 3h. 52m. A.M. |
| FULL MOON ..... | 27d. 3h. 43m. A.M. | 27d. 2h. 43m. A.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | TU. | r4 53 | 9 27 | 1 27 | r4 57 | 9 27 | 10 42 | r5 1 | 9 27 |
| 2 | WE. | s7 18 | 9 48 | 2 7 | s7 14 | 9 49 | 11 22 | s7 9 | 9 51 |
| 3 | TH. | r4 55 | 10 10 | 2 48 | r4 59 | 10 12 | ..... | r5 3 | 10 16 |
| 4 | FR. | s7 15 | 10 36 | 3 32 | s7 12 | 10 40 | 0 31 | s7 7 | 10 45 |
| 5 | SA. | r4 57 | 11 8 | 4 26 | r5 1 | 11 13 | 1 24 | r5 5 | 11 20 |
| 6 | ☰ | s7 13 | 11 48 | 5 27 | s7 9 | 11 54 | 2 25 | s7 5 | morn |
| 7 | MO. | r4 59 | morn | 6 39 | r5 2 | morn | 3 36 | r5 6 | 0 2 |
| 8 | TU. | s7 10 | 0 41 | 7 53 | s7 7 | 0 48 | 4 50 | s7 3 | 0 57 |
| 9 | WE. | r5 1 | 1 47 | 9 4 | r5 4 | 1 54 | 6 2 | r5 8 | 2 3 |
| 10 | TH. | s7 7 | 3 1 | 10 7 | s7 4 | 3 7 | 7 4 | s7 0 | 3 15 |
| 11 | FR. | r5 3 | sets. | 11 1 | r5 6 | sets. | 7 55 | r5 10 | sets. |
| 12 | SA. | s7 4 | 7 57 | 11 46 | s7 1 | 7 54 | 8 43 | s6 58 | 7 52 |
| 13 | ☰ | r5 5 | 8 20 | 0 8 | r5 8 | 8 19 | 9 27 | r5 12 | 8 18 |
| 14 | MO. | s7 2 | 8 40 | 0 49 | s6 59 | 8 40 | 10 6 | s6 55 | 8 41 |
| 15 | TU. | r5 7 | 8 59 | 1 28 | r5 10 | 9 0 | 10 42 | r5 14 | 9 3 |
| 16 | WE. | s6 59 | 9 19 | 2 7 | s6 56 | 9 22 | 11 21 | s6 53 | 9 25 |
| 17 | TH. | r5 10 | 9 41 | 2 46 | r5 12 | 9 45 | ..... | r5 15 | 9 50 |
| 18 | FR. | s6 56 | 10 6 | 3 27 | s6 53 | 10 11 | 0 25 | s6 50 | 10 17 |
| 19 | SA. | r5 12 | 10 37 | 4 13 | r5 14 | 10 43 | 1 12 | r5 17 | 10 50 |
| 20 | ☰ | s6 53 | 11 14 | 5 7 | s6 50 | 11 21 | 2 5 | s6 47 | 11 29 |
| 21 | MO. | r5 14 | 11 59 | 6 5 | r5 16 | morn | 3 3 | r5 19 | morn |
| 22 | TU. | s6 50 | morn | 7 8 | s6 47 | 0 6 | 4 5 | s6 44 | 0 15 |
| 23 | WE. | r5 16 | 0 52 | 8 8 | r5 18 | 0 59 | 5 5 | r5 21 | 1 8 |
| 24 | TH. | s6 46 | 1 53 | 9 4 | s6 44 | 1 59 | 6 2 | s6 42 | 2 7 |
| 25 | FR. | r5 18 | 3 1 | 9 55 | r5 20 | 3 6 | 6 53 | r5 23 | 3 13 |
| 26 | SA. | s6 43 | 4 11 | 10 42 | s6 41 | 4 15 | 7 37 | s6 39 | 4 20 |
| 27 | ☰ | r5 20 | rises. | 11 22 | r5 22 | rises. | 8 16 | r5 25 | rises. |
| 28 | MO. | s6 40 | 7 33 | ..... | s6 38 | 7 32 | 8 58 | s6 36 | 7 32 |
| 29 | TU. | r5 22 | 7 52 | 0 19 | r5 24 | 7 53 | 9 37 | r5 26 | 7 54 |
| 30 | WE. | s6 37 | 8 14 | 0 59 | s6 35 | 8 16 | 10 16 | s6 33 | 8 19 |
| 31 | TH. | r5 24 | 8 39 | 1 40 | r5 26 | 8 42 | 10 55 | r5 28 | 8 47 |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER ..... | 3d. 4h. 41m. A.M. | 3d. 3h. 41m. A.M. |
| NEW MOON ..... | 10d. 2h. 5m. A.M. | 10d. 1h. 5m. A.M. |
| FIRST QUARTER ..... | 17d. 11h. 19m. P.M. | 17d. 10h. 19m. P.M. |
| FULL MOON ..... | 25d. 3h. 23m. P.M. | 25d. 2h. 23m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of Wk. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | FR. | r5 25 | 9 9 | 2 24 | r5 27 | 9 14 | 11 43 | r5 29 | 9 20 |
| 2 | SA. | s6 31 | 9 47 | 3 12 | s6 30 | 9 53 | 0 10 | s6 28 | 10 0 |
| 3 | ☰ | r5 27 | 10 34 | 4 9 | r5 29 | 10 41 | 1 9 | r5 31 | 10 49 |
| 4 | MO. | s6 28 | 11 33 | 5 19 | s6 26 | 11 40 | 2 17 | s6 25 | 11 49 |
| 5 | TU. | r5 30 | morn | 6 35 | r5 31 | morn | 3 33 | r5 33 | morn |
| 6 | WE. | s6 24 | 0 43 | 7 50 | s6 23 | 0 50 | 4 47 | s6 22 | 0 58 |
| 7 | TH. | r5 32 | 2 0 | 8 55 | r5 33 | 2 6 | 5 53 | r5 35 | 2 12 |
| 8 | FR. | s6 21 | 3 16 | 9 52 | s6 20 | 3 21 | 6 50 | s6 19 | 3 26 |
| 9 | SA. | r5 34 | 4 32 | 10 40 | r5 35 | 4 35 | 7 35 | r5 36 | 4 39 |
| 10 | ☰ | s6 18 | sets. | 11 20 | s6 16 | sets. | 8 14 | s6 15 | sets. |
| 11 | MO. | r5 36 | 7 1 | 11 58 | r5 37 | 7 2 | 8 55 | r5 38 | 7 3 |
| 12 | TU. | s6 14 | 7 22 | 0 16 | s6 13 | 7 24 | 9 33 | s6 12 | 7 27 |
| 13 | WE. | r5 38 | 7 42 | 0 53 | r5 39 | 7 45 | 10 8 | r5 40 | 7 50 |
| 14 | TH. | s6 11 | 8 6 | 1 30 | s6 10 | 8 11 | 10 45 | s6 9 | 8 16 |
| 15 | FR. | r5 40 | 8 35 | 2 10 | r5 41 | 8 41 | 11 25 | r5 42 | 8 47 |
| 16 | SA. | s6 7 | 9 9 | 2 51 | s6 7 | 9 15 | ..... | s6 6 | 9 23 |
| 17 | ☰ | r5 42 | 9 50 | 3 39 | r5 43 | 9 57 | 0 38 | r5 43 | 10 6 |
| 18 | MO. | s6 3 | 10 40 | 4 33 | s6 3 | 10 47 | 1 32 | s6 3 | 10 56 |
| 19 | TU. | r5 44 | 11 38 | 5 33 | r5 45 | 11 45 | 2 31 | r5 45 | 11 53 |
| 20 | WE. | s6 0 | morn | 6 36 | s6 0 | morn | 3 33 | s6 0 | morn |
| 21 | TH. | r5 47 | 0 43 | 7 38 | r5 47 | 0 49 | 4 35 | r5 47 | 0 56 |
| 22 | FR. | s5 56 | 1 52 | 8 35 | s5 56 | 1 57 | 5 32 | s5 57 | 2 3 |
| 23 | SA. | r5 49 | 3 2 | 9 25 | r5 49 | 3 5 | 6 23 | r5 49 | 3 10 |
| 24 | ☰ | s5 53 | 4 12 | 10 10 | s5 53 | 4 14 | 7 7 | s5 53 | 4 17 |
| 25 | MO. | r5 51 | rises. | 10 52 | r5 51 | rises. | 7 46 | r5 51 | rises. |
| 26 | TU. | s5 49 | 6 19 | 11 31 | s5 50 | 6 21 | 8 26 | s5 50 | 6 23 |
| 27 | WE. | r5 53 | 6 43 | ..... | r5 53 | 6 46 | 9 9 | r5 52 | 6 50 |
| 28 | TH. | s5 46 | 7 10 | 0 32 | s5 46 | 7 14 | 9 52 | s5 47 | 7 20 |
| 29 | FR. | r5 55 | 7 45 | 1 17 | r5 55 | 7 51 | 10 37 | r5 54 | 7 58 |
| 30 | SA. | s5 43 | 8 30 | 2 7 | s5 43 | 8 37 | 11 29 | s5 43 | 8 45 |
| .. | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| LAST QUARTER | 2d. 10h. 19m. A.M. | 2d. 9h. 19m. A.M. |
| NEW MOON | 9d. 3h. 27m. P.M. | 9d. 2h. 27m. P.M. |
| FIRST QUARTER | 17d. 6h. 20m. P.M. | 17d. 5h. 20m. P.M. |
| FULL MOON | 25d. 2h. 28m. A.M. | 25d. 1h. 28m. A.M. |
| LAST QUARTER | 31d. 5h. 42m. P.M. | 31d. 4h. 42m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of W'k. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | ♄ | r5 58 | 9 20 | 3 3 | r5 57 | 9 33 | ..... | r5 56 | 9 42 |
| 2 | Mo. | s5 30 | 10 33 | 4 6 | s5 40 | 10 40 | 1 5 | s5 40 | 10 48 |
| 3 | Tu. | r6 0 | 11 47 | 5 18 | r5 59 | 11 53 | 2 16 | r5 58 | morn |
| 4 | We. | s5 36 | morn | 6 31 | s5 37 | morn | 3 28 | s5 37 | 0 0 |
| 5 | Th. | r6 2 | 1 3 | 7 38 | r6 1 | 1 8 | 4 34 | r6 0 | 1 14 |
| 6 | Fr. | s5 32 | 2 17 | 8 35 | s5 33 | 2 20 | 5 33 | s5 34 | 2 25 |
| 7 | Sa. | r6 4 | 3 29 | 9 25 | r6 3 | 3 31 | 6 23 | r6 2 | 3 34 |
| 8 | ♄ | s5 29 | 4 37 | 10 9 | s5 30 | 4 38 | 7 6 | s5 31 | 4 39 |
| 9 | Mo. | r6 7 | 5 44 | 10 49 | r6 5 | 5 43 | 7 43 | r6 4 | 5 43 |
| 10 | Tu. | s5 25 | sets. | 11 24 | s5 27 | sets. | 8 19 | s5 28 | sets. |
| 11 | We. | r6 9 | 6 9 | ..... | r6 7 | 6 13 | 8 58 | r6 6 | 6 18 |
| 12 | Th. | s5 22 | 6 35 | 0 19 | s5 24 | 6 40 | 9 36 | s5 25 | 6 46 |
| 13 | Fr. | r6 11 | 7 6 | 0 58 | r6 9 | 7 12 | 10 15 | r6 8 | 7 20 |
| 14 | Sa. | s5 19 | 7 44 | 1 40 | s5 21 | 7 51 | 10 56 | s5 22 | 7 59 |
| 15 | ♄ | r6 14 | 8 31 | 2 25 | r6 12 | 8 38 | 11 44 | r6 10 | 8 47 |
| 16 | Mo. | s5 16 | 9 26 | 3 12 | s5 18 | 9 33 | 0 10 | s5 20 | 9 42 |
| 17 | Tu. | r6 16 | 10 27 | 4 4 | r6 14 | 10 33 | 1 3 | r6 12 | 10 41 |
| 18 | We. | s5 13 | 11 32 | 5 2 | s5 15 | 11 37 | 2 0 | s5 17 | 11 44 |
| 19 | Th. | r6 18 | morn | 6 2 | r6 16 | morn | 3 0 | r6 14 | morn |
| 20 | Fr. | s5 10 | 0 40 | 7 0 | s5 12 | 0 44 | 3 57 | s5 14 | 0 49 |
| 21 | Sa. | r6 21 | 1 50 | 7 55 | r6 18 | 1 53 | 4 51 | r6 16 | 1 57 |
| 22 | ♄ | s5 7 | 3 1 | 8 45 | s5 9 | 3 2 | 5 43 | s5 11 | 3 5 |
| 23 | Mo. | r6 23 | 4 13 | 9 33 | r6 20 | 4 13 | 6 31 | r6 18 | 4 14 |
| 24 | Tu. | s5 4 | 5 27 | 10 18 | s5 6 | 5 25 | 7 15 | s5 9 | 5 25 |
| 25 | We. | r6 25 | rises. | 11 3 | r6 23 | rises. | 7 57 | r6 20 | rises. |
| 26 | Th. | s5 1 | 5 41 | 11 48 | s5 3 | 5 46 | 8 45 | s5 6 | 5 53 |
| 27 | Fr. | r6 28 | 6 24 | 0 12 | r6 25 | 6 30 | 9 35 | r6 22 | 6 38 |
| 28 | Sa. | s4 58 | 7 17 | 1 4 | s5 1 | 7 24 | 10 28 | s5 4 | 7 33 |
| 29 | ♄ | r6 30 | 8 22 | 2 1 | r6 27 | 8 20 | 11 25 | r6 25 | 8 38 |
| 30 | Mo. | s4 55 | 9 36 | 3 0 | s4 58 | 9 42 | ..... | s5 1 | 9 50 |
| 31 | Tu. | r6 33 | 10 53 | 4 3 | r6 30 | 10 58 | 1 2 | r6 27 | 11 4 |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| NEW MOON | 8d. 7h. 57m. A.M. | 8d. 6h. 57m. A.M. |
| FIRST QUARTER | 16d. 0h. 44m. P.M. | 16d. 11h. 44m. A.M. |
| FULL MOON | 23d. 1h. 8m. P.M. | 23d. 0h. 8m. P.M. |
| LAST QUARTER | 30d. 4h. 8m. A.M. | 30d. 3h. 8m. A.M. |

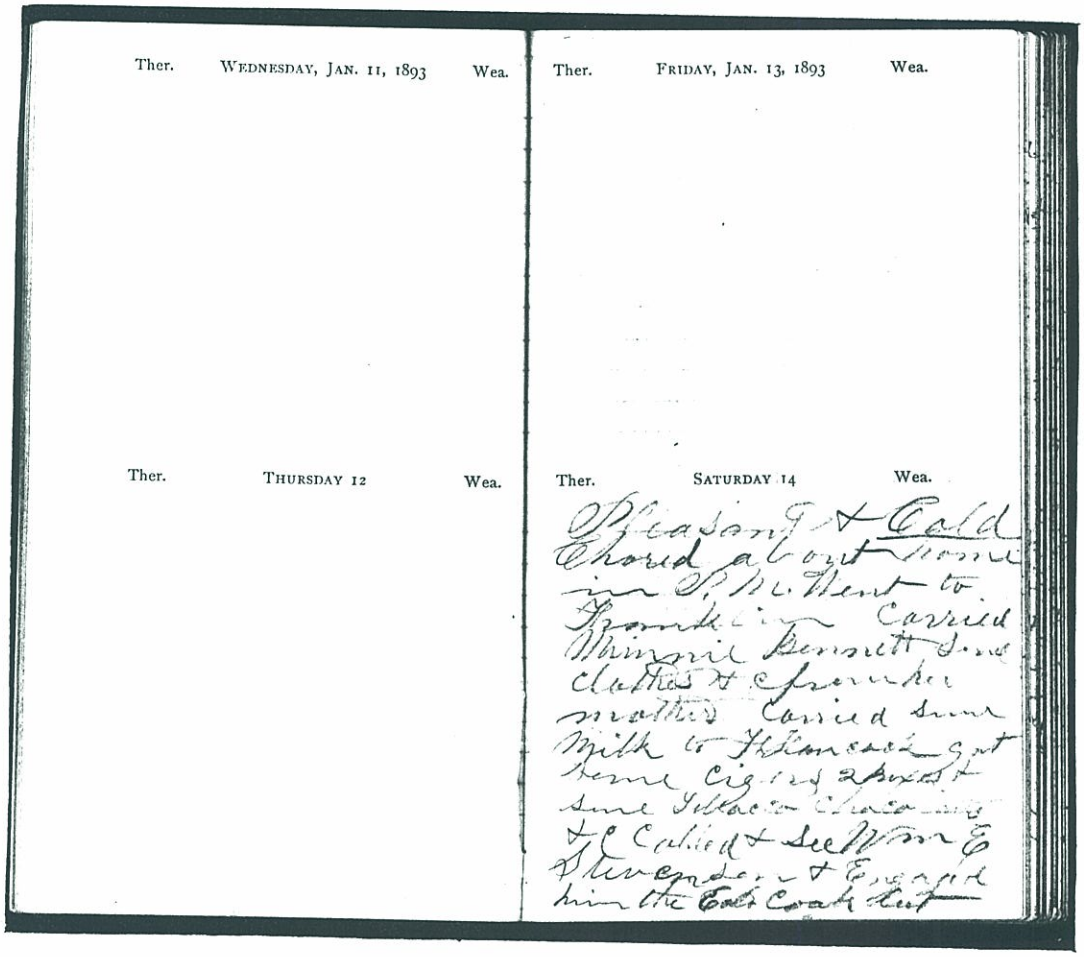
| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of W'k. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | We. | r6 34 | morn | 5 9 | r6 31 | morn | 2 8 | r6 28 | morn |
| 2 | Th. | s4 52 | 0 8 | 6 12 | s4 55 | 0 12 | 3 9 | s4 58 | 0 17 |
| 3 | Fr. | r6 36 | 1 19 | 7 10 | r6 33 | 1 21 | 4 7 | r6 30 | 1 25 |
| 4 | Sa. | s4 49 | 2 27 | 8 3 | s4 52 | 2 28 | 5 0 | s4 56 | 2 30 |
| 5 | ♄ | r6 39 | 3 34 | 8 50 | r6 36 | 3 34 | 5 47 | r6 32 | 3 34 |
| 6 | Mo. | s4 47 | 4 40 | 9 32 | s4 50 | 4 38 | 6 30 | s4 54 | 4 38 |
| 7 | Tu. | r6 42 | 5 46 | 10 14 | r6 38 | 5 43 | 7 11 | r6 35 | 5 41 |
| 8 | We. | s4 45 | sets. | 10 54 | s4 48 | sets. | 7 48 | s4 52 | sets. |
| 9 | Th. | r6 41 | 5 6 | 11 31 | r6 41 | 5 12 | 8 26 | r6 37 | 5 19 |
| 10 | Fr. | s4 42 | 5 43 | ..... | s4 46 | 5 50 | 9 10 | s4 50 | 5 58 |
| 11 | Sa. | r6 47 | 6 26 | 0 33 | r6 43 | 6 33 | 9 53 | r6 39 | 6 42 |
| 12 | ♄ | s4 40 | 7 17 | 1 17 | s4 44 | 7 24 | 10 34 | s4 48 | 7 33 |
| 13 | Mo. | r6 49 | 8 15 | 2 2 | r6 45 | 8 22 | 11 20 | r6 41 | 8 30 |
| 14 | Tu. | s4 39 | 9 19 | 2 48 | s4 43 | 9 25 | ..... | s4 47 | 9 32 |
| 15 | We. | r6 52 | 10 25 | 3 37 | r6 48 | 10 30 | 0 36 | r6 44 | 10 35 |
| 16 | Th. | s4 37 | 11 32 | 4 27 | s4 41 | 11 35 | 1 26 | s4 45 | 11 40 |
| 17 | Fr. | r6 54 | morn | 5 21 | r6 50 | morn | 2 19 | r6 46 | morn |
| 18 | Sa. | s4 35 | 0 40 | 6 15 | s4 40 | 0 42 | 3 13 | s4 44 | 0 45 |
| 19 | ♄ | r6 57 | 1 49 | 7 9 | r6 53 | 1 50 | 4 6 | r6 48 | 1 51 |
| 20 | Mo. | s4 34 | 3 0 | 8 1 | s4 38 | 2 59 | 4 58 | s4 43 | 2 59 |
| 21 | Tu. | r6 59 | 4 15 | 8 54 | r6 55 | 4 13 | 5 51 | r6 50 | 4 11 |
| 22 | We. | s4 33 | 5 35 | 9 46 | s4 37 | 5 31 | 6 44 | s4 42 | 5 27 |
| 23 | Th. | r7 2 | 6 58 | 10 40 | r6 57 | 6 53 | 7 35 | r6 52 | 6 47 |
| 24 | Fr. | s4 32 | rises. | 11 32 | s4 36 | rises | 8 27 | s4 41 | rises. |
| 25 | Sa. | r7 4 | 6 5 | 0 0 | r6 59 | 6 12 | 9 27 | r6 54 | 6 21 |
| 26 | ♄ | s4 31 | 7 20 | 0 57 | s4 35 | 7 27 | 10 23 | s4 40 | 7 35 |
| 27 | Mo. | r7 6 | 8 38 | 1 55 | r7 1 | 8 44 | 11 19 | r6 56 | 8 50 |
| 28 | Tu. | s4 30 | 9 55 | 2 53 | s4 35 | 9 59 | ..... | s4 39 | 10 4 |
| 29 | We. | r7 8 | 11 10 | 3 47 | r7 3 | 11 13 | 0 46 | r6 58 | 11 17 |
| 30 | Th. | s4 29 | morn | 4 43 | s4 34 | morn | 1 42 | s4 39 | morn |
| ... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

| MOON'S PHASES. (In Standard Time.) | EASTERN DIVISION. | CENTRAL DIVISION. |
|---|---|---|
| NEW MOON | 8d. 2h. 40m. A.M. | 8d. 1h. 40m. A.M. |
| FIRST QUARTER | 16d. 5h. 21m. A.M. | 16d. 4h. 21m. A.M. |
| FULL MOON | 22d. 11h. 36m. P.M. | 22d. 10h. 36m. P.M. |
| LAST QUARTER | 29d. 6h. 18m. P.M. | 29d. 5h. 18m. P.M. |

| 1893 | | LATITUDE OF BOSTON AND CHICAGO. | | | LATITUDE OF NEW YORK AND PHILADELPHIA. | | | LAT. OF WASH. CIN. & ST. LOUIS. | |
|---|---|---|---|---|---|---|---|---|---|
| | | Local Mean Time. | | Boston Tide. | Local Mean Time. | | N. Y. Tide. | Local Mean Time. | |
| D. of M. | Day of W'k. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. | Stand. Time. | SUN R.&S. | MOON R.&S. |
| 1 | Fr. | r7 10 | 0 20 | 5 38 | r7 5 | 0 21 | 2 36 | r7 0 | 0 24 |
| 2 | Sa. | s4 28 | 1 27 | 6 31 | s4 33 | 1 27 | 3 28 | s4 38 | 1 28 |
| 3 | ♄ | r7 12 | 2 32 | 7 21 | r7 7 | 2 31 | 4 18 | r7 2 | 2 30 |
| 4 | Mo. | s4 28 | 3 37 | 8 9 | s4 33 | 3 34 | 5 6 | s4 38 | 3 33 |
| 5 | Tu. | r7 14 | 4 42 | 8 56 | r7 9 | 4 38 | 5 54 | r7 4 | 4 35 |
| 6 | We. | s4 28 | 5 47 | 9 42 | s4 33 | 5 42 | 6 40 | s4 38 | 5 37 |
| 7 | Th. | r7 16 | 6 51 | 10 26 | r7 11 | 6 45 | 7 23 | r7 6 | 6 39 |
| 8 | Fr. | s4 28 | sets. | 11 9 | s4 33 | sets. | 8 4 | s4 38 | sets. |
| 9 | Sa. | r7 18 | 5 11 | 11 51 | r7 13 | 5 18 | 8 48 | r7 8 | 5 27 |
| 10 | ♄ | s4 28 | 6 7 | 0 13 | s4 33 | 6 14 | 9 34 | s4 38 | 6 22 |
| 11 | Mo. | r7 20 | 7 9 | 0 57 | r7 15 | 7 15 | 10 15 | r7 9 | 7 22 |
| 12 | Tu. | s4 28 | 8 15 | 1 41 | s4 33 | 8 20 | 10 57 | s4 39 | 8 26 |
| 13 | We. | r7 21 | 9 21 | 2 24 | r7 16 | 9 25 | 11 41 | r7 11 | 9 30 |
| 14 | Th. | s4 29 | 10 27 | 3 6 | s4 34 | 10 29 | 0 4 | s4 39 | 10 33 |
| 15 | Fr. | r7 23 | 11 33 | 4 0 | r7 18 | 11 34 | 0 49 | r7 12 | 11 36 |
| 16 | Sa. | s4 29 | morn | 4 37 | s4 34 | morn | 1 36 | s4 40 | morn |
| 17 | ♄ | r7 24 | 0 40 | 5 28 | r7 19 | 0 40 | 2 26 | r7 14 | 0 41 |
| 18 | Mo. | s4 30 | 1 50 | 6 21 | s4 35 | 1 48 | 3 19 | s4 41 | 1 48 |
| 19 | Tu. | r7 26 | 3 5 | 7 20 | r7 20 | 3 2 | 4 17 | r7 15 | 3 0 |
| 20 | We. | s4 31 | 4 25 | 8 21 | s4 36 | 4 20 | 5 17 | s4 42 | 4 16 |
| 21 | Th. | r7 26 | 5 47 | 9 22 | r7 21 | 5 41 | 6 20 | r7 15 | 5 35 |
| 22 | Fr. | s4 32 | 7 8 | 10 24 | s4 37 | 7 1 | 7 21 | s4 43 | 6 54 |
| 23 | Sa. | r7 27 | rises. | 11 23 | r7 22 | rises. | 8 17 | r7 16 | rises. |
| 24 | ♄ | s4 33 | 6 11 | ..... | s4 38 | 6 17 | 9 18 | s4 44 | 6 24 |
| 25 | Mo. | r7 28 | 7 32 | 0 48 | r7 23 | 7 37 | 10 13 | r7 17 | 7 43 |
| 26 | Tu. | s4 34 | 8 52 | 1 43 | s4 40 | 8 55 | 11 2 | s4 45 | 9 0 |
| 27 | We. | r7 29 | 10 6 | 2 32 | r7 23 | 10 8 | 11 52 | r7 18 | 10 11 |
| 28 | Th. | s4 36 | 11 16 | 3 18 | s4 41 | 11 16 | 0 17 | s4 46 | 11 18 |
| 29 | Fr. | r7 29 | morn | 4 6 | r7 24 | morn | 1 5 | r7 19 | morn |
| 30 | Sa. | s4 37 | 0 24 | 4 55 | s4 42 | 0 23 | 1 53 | s4 48 | 0 23 |
| 31 | ♄ | r7 30 | 1 30 | 5 45 | r7 24 | 1 28 | 2 43 | r7 19 | 1 26 |

Ther. SUNDAY, JAN. 1, 1893 Wea.

Ther. MONDAY 2 Wea.



Ther. WEDNESDAY, JAN. 11, 1893 Wea.

Ther. THURSDAY 12 Wea.

Ther. FRIDAY, JAN. 13, 1893 Wea.

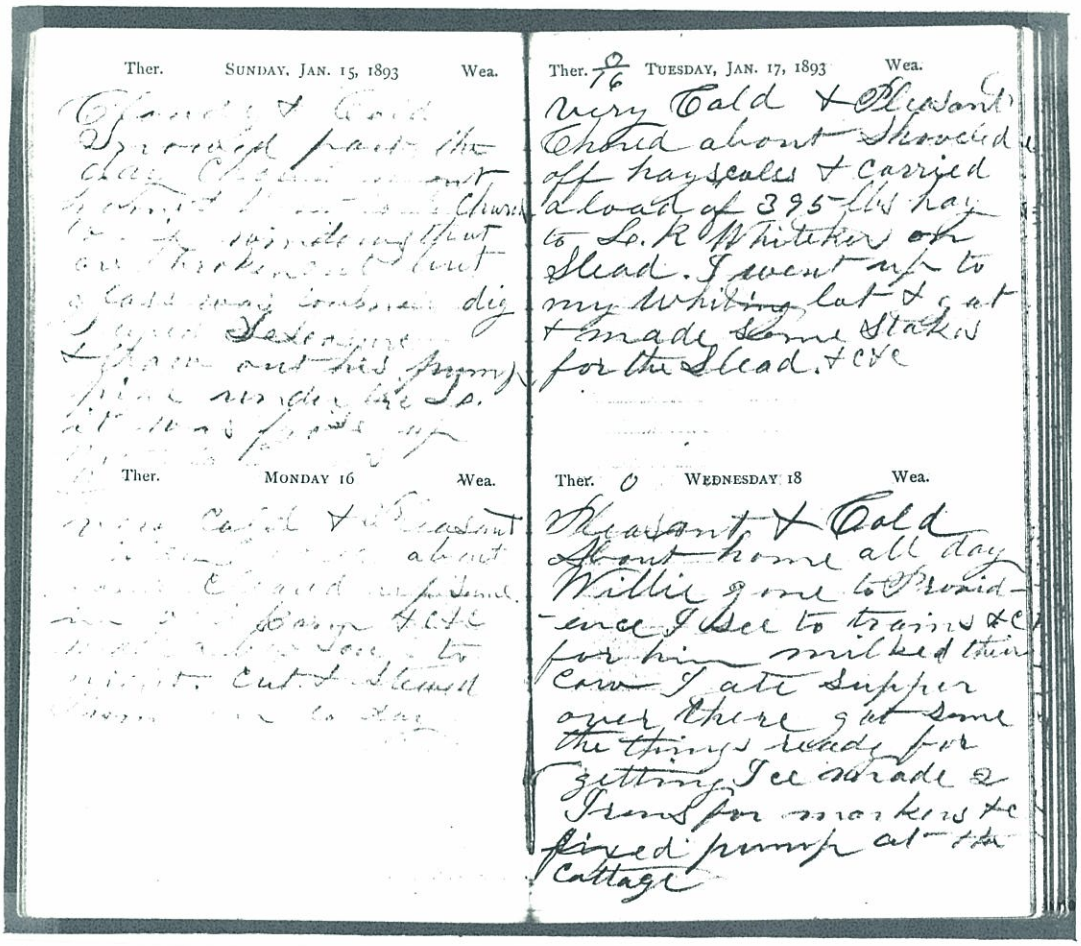
Ther. SATURDAY 14 Wea.

Pleasant & Cold
Chored about home
in P.M. Went to
Franklin Carried
Minnie Bennett some
clothes & c from her
mother Carried some
Milk to F. Hancock got
some cigars 2 boxes &
some Tobacco Chocolates
& c Called & see Wm E
Stevenson & Engaged
him the Ed Cook lot

For January 1 thru 13, 1893 - see back of 1892 Diary

Saturday 14

Pleasant & cold. Chored about home in P.M. Went to Franklin. Carried Minnie Bennett some clothes & c from her mother. Carried some milk to F. Hancock. Got some cigars, 2 boxes & some tobacco, chocolates & c. Called & see Wm. E. Stevenson & Engaged him the Ed Cook lot.



Sunday, Jan. 15, 1893

Cloudy & cold. Snowed part the day. Chored about home & went to the Church to fix windows that are broken out but glass was to small. dig. Helped S. Leasure & thaw out his pump pipe under the L. It was froze up. Wrote to Elmer.

Monday 16

0/

Very cold & pleasant, windy. Chored about home. Cleared up some in old barn & c & c. Made a beef soup to night. Cut & stewed pumpkin to day.

Tuesday, Jan 17, 1893

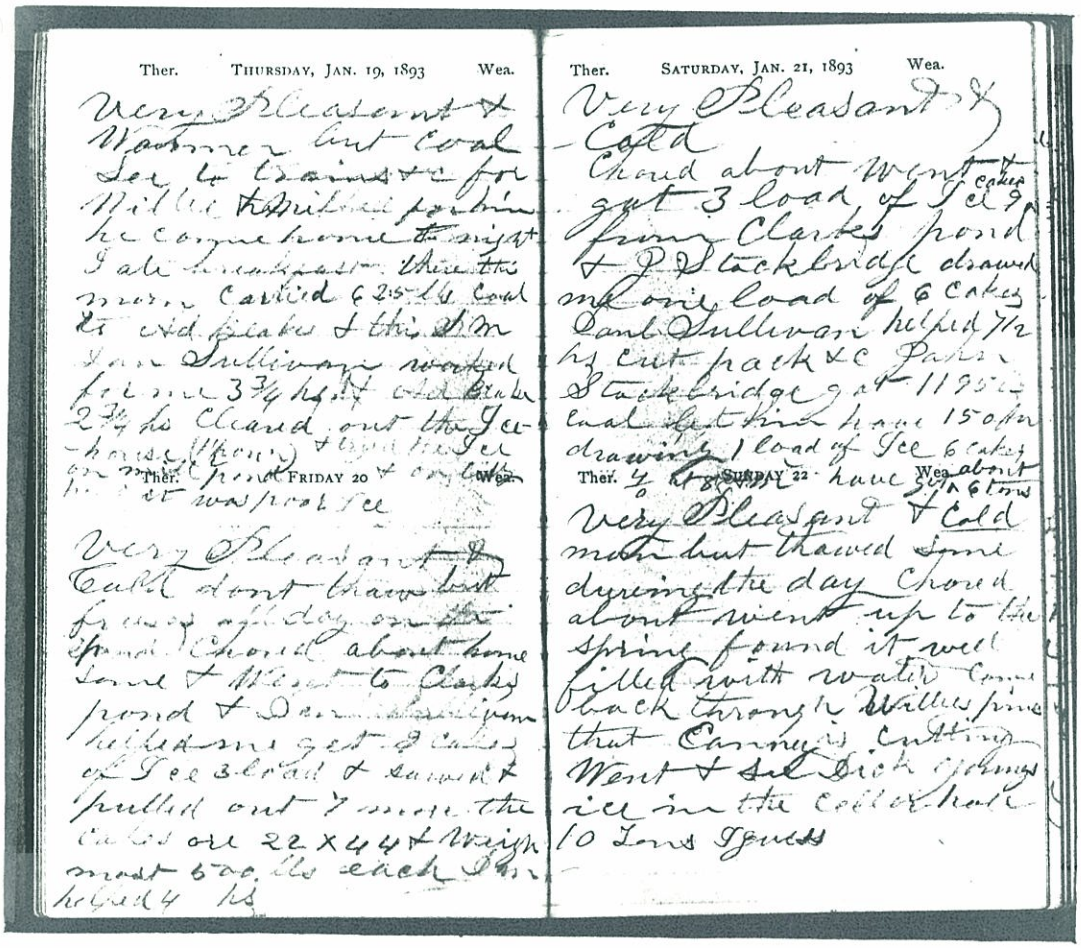
0/16

Very cold & pleasant. Chored about & shoveled off hay scales & carried a load of 395 lbs hay to L. R. Whiteker on slead. I went up to my whiting lot & got & made some stakes for the slead & c & c.

Wednesday 18

0

Pleasant & cold. About home all day. Willie gone to Providence. I see to train & c. for him. Milked their cow. I ate supper over there. Got some the things ready for getting Ice. Made 2 irons for markers & c. Fixed pump at the cottage.



Thursday, Jan. 19, 1893

Very pleasant & warmer but cool. See to trains & c for Willie & milked for him. He come home to night. I ate breakfast there this morn. Carried 625 lbs coal to Ad Blakes & this P.M. Dan Sullivan worked for me 3 ¾ hs. Ad Blake,
2 ¾ hs. Cleared out the ice house (1 ½ hour) & tryed the ice on Mill Pond & on __?__ pond. It was poor ice.

Friday 20

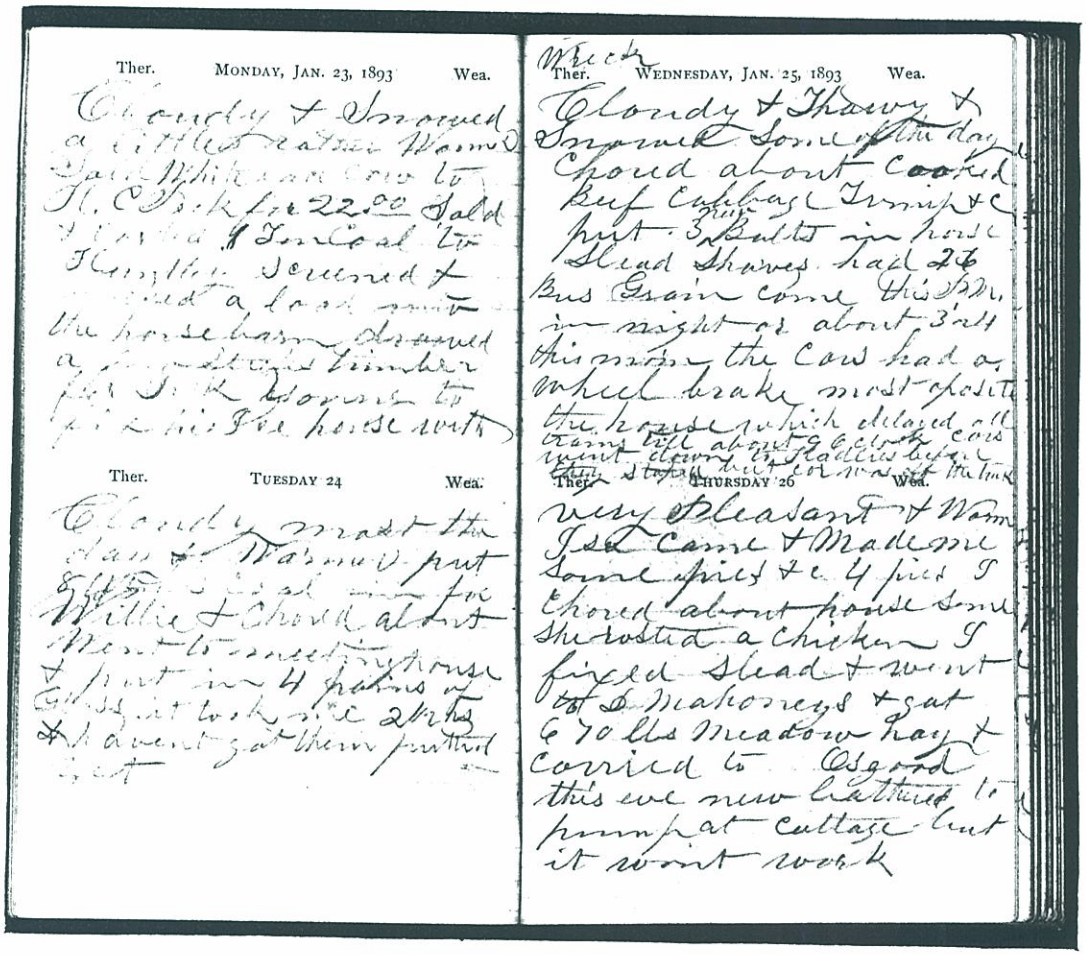
Very pleasant & cold, don't thaw but freezes all day on the pond. Chored about home some & went to Clarks Pond & Danl. Sullivan helped me get 2 cakes of ice, 3 load & sawed & pulled out 7 more. The cakes are 22 x 44 & weigh most 500 lbs each. Dan helped 4 hs.

Saturday, Jan 21, 1893

Very pleasant & cold. Chored about. Went & got 3 load of Ice cakes, 9 from Clarkes pond & J. Stockbridge drawed me one load of 6 cakes. Danl Sullivan helped 7½ hs, cut, pack & c. John Stockbridge got 1195 lbs coal, let him have 150 for drawing 1 load of ice, 6 cakes. Have got about 6 tons.

Sunday 22

4/0 at 8 A.M.
Very pleasant & cold morn but thawed some during the day. Chored about. Went up to the spring, found it well, filled with water. Come back through Willies pines that Canney is cutting. Went & see Dick Youngs ice in the cellar. Have 10 tons, I guess.



Monday, Jan. 23, 1893

Cloudy & snowed a little, rather warm. Sold White face cow to H. C. Peck for $22.00. Sold & carted 1 ton coal to Huntley, screened & backed a load into the horse barn. Drawed a few sticks timber for Dick Young to fix his Ice house with.

Tuesday 24

Cloudy most the day & warmer. Put 845 lbs coal in for Willie & chored about. Went to meeting house & put in 4 pains of glass. It took me 2 ½ hs.& haven,t got them puttied yet.

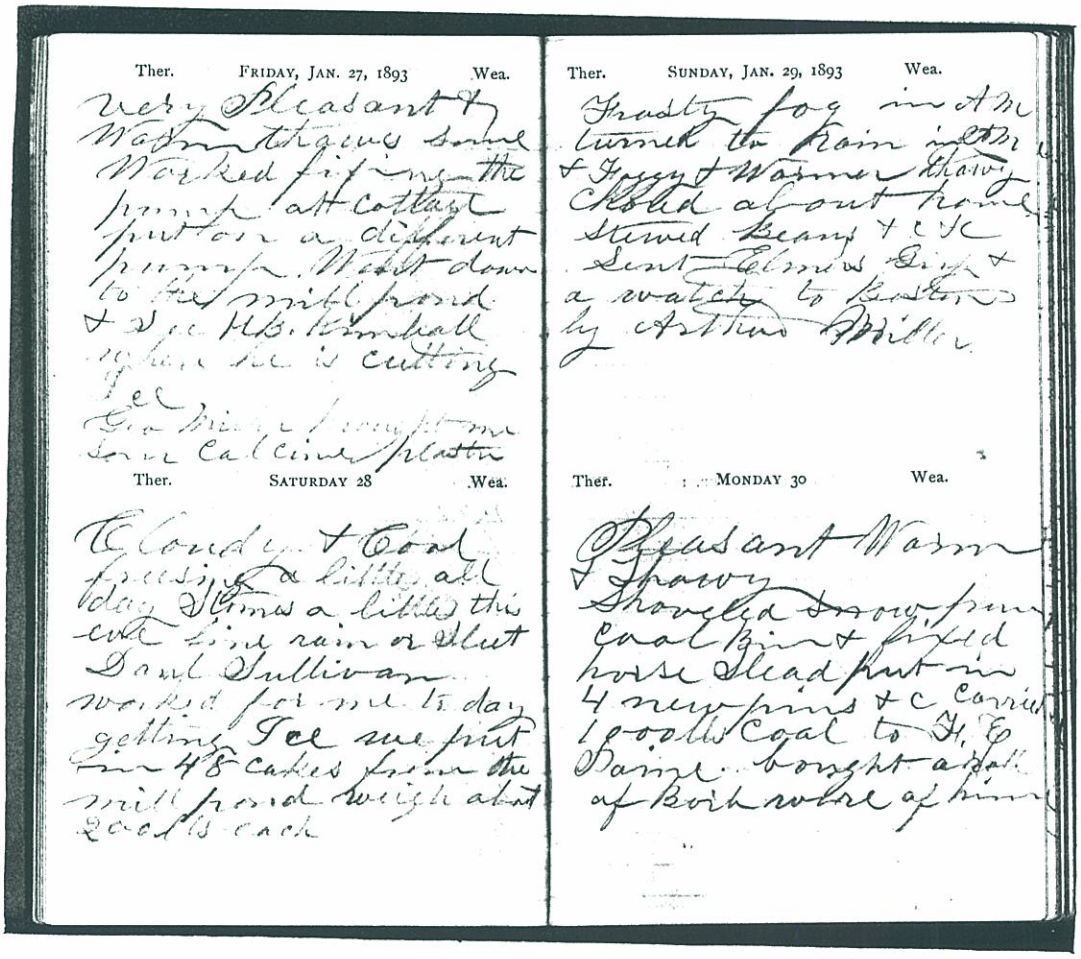
**Wreck**

Wednesday, Jan. 25, 1893

Cloudy & thawy & snowed some of the day. Chored about. Cooked beef, cabbage, turnips & c. Put 3 new bolts in horse slead shaves. Had 26 Bus grain come this P.M. In night or about 3 o'ck this morn, the cars had a wheel brake most oposite the house which delayed all trains till about 9 o'clock. Cars went down to Hadlies before they stoped but car was off the track.

Thursday 26

Very pleasant & warm. Isa came & made me some pies & c. 4 pies. I chored about house some. She roasted a chicken. I fixed slead & went to D. Mahoneys & got 670 lbs meadow hay & carried to Osgood. This eve, new leathered to pump at cottage but it won't work.



Ther. FRIDAY, JAN. 27, 1893 Wea.

Very Pleasant & Warm thawes some Worked fixing the pump at cottage put on a different pump. Went down to the mill pond & see M. B. Kimball where he is cutting Ice
Geo Miller brought me some Calcine plaster

Ther. SATURDAY 28 Wea.

Cloudy & Cool freezing a little all day Storms a little this eve fine rain or sleet Danl Sullivan worked for me to day getting Ice we put in 48 cakes from the mill pond weigh about 200 lbs each

Ther. SUNDAY, JAN. 29, 1893 Wea.

Frosty fog in A.M. turned to rain in P.M. & foggy & warmer thawy Chored about home Stewed beans & c & c Sent Elmers grip & a watch to Boston by Arthur Miller

Ther. MONDAY 30 Wea.

Pleasant Warm & thawy Shoveled snow from Coal Bin & fixed horse Slead put in 4 new pins & c Carried 1000 lbs Coal to F. E. Paine bought a roll of Barb wire of him

Friday, Jan. 27, 1893

Very pleasant & warm, thawes some. Worked fixing the pump at cottage. Put on a different pump. Went down to the mill pond & see M. B. Kimball where he is cutting Ice.
Geo. Miller brought me some Calcine plaster.

Saturday 28

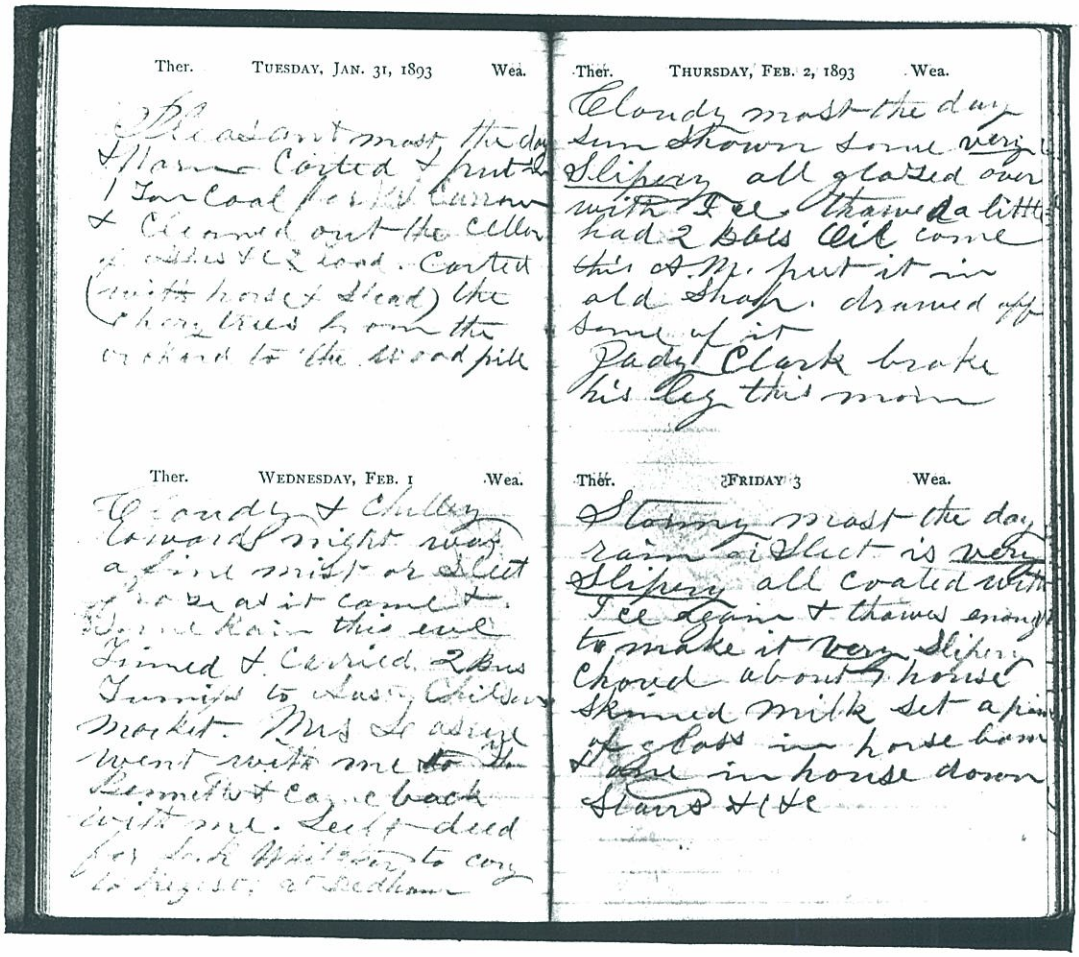
Cloudy & cool. Freezing a little all day. Storms a little this eve, fine rain or sleet. Danl Sullivan worked for me to day getting Ice. We put in 48 cakes from the mill pond. Weigh about 200 lbs each.

Sunday, Jan. 29, 1893

Frosty fog in A.M. Turned to rain in P.M. & foggy & warmer, thawy. Chored about home. Stewed beans & c & c. Sent Elmers grip & a watch to Boston by Arthur Miller.

Monday 30

Pleasant, warm & thawy. Shoveled snow from coal bin & fixed horse slead. Put in 4 new pins & c. Carried 1000 lbs coal to F. E. Paine. Bought a roll of barb wire of him.



Ther. TUESDAY, JAN. 31, 1893 Wea.

Pleasant most the day & warm. Carted & put in 1 Ton Coal for J. S. Curran & Cleaned out the Cellar of Ashes & c 2 load. Carted (with horse & slead) the chery trees from the orchard to the wood pile

Ther. WEDNESDAY, FEB. 1 Wea.

Cloudy & Chilley towards night was a fine mist or sleet froze as it came & some rain this eve Trimed & Carried 2 Bus Turnips to Austy Chilsons Market. Mrs Lasure went with me to F. Bennetts & Came back with me. Left deed for L. R. Whitaker to cary to Registry at Dedham

Ther. THURSDAY, FEB. 2, 1893 Wea.

Cloudy most the day Sun shown some very Slipery all glazed over with Ice thawed a little had 2 bbls Oil come this A.M. put it in old Shop. drawed off some of it
Jody Clark broke his leg this morn

Ther. FRIDAY 3 Wea.

Stormy most the day rain or sleet is very Slipery all coated with Ice again & thawes enough to make it very slipery Chored about house Skimed milk set a pain of glass in horse barn & one in house down Stairs & c & c

Tuesday, Jan 31, 1893

Pleasant most the day & warm. Carted & put in 1 ton coal for J. S. Curran & cleaned out the cellar of Ashes & c 2 load. Carted (with horse & slead) the chery trees from the orchard to the wood pile.

Wednesday, Feb. 1

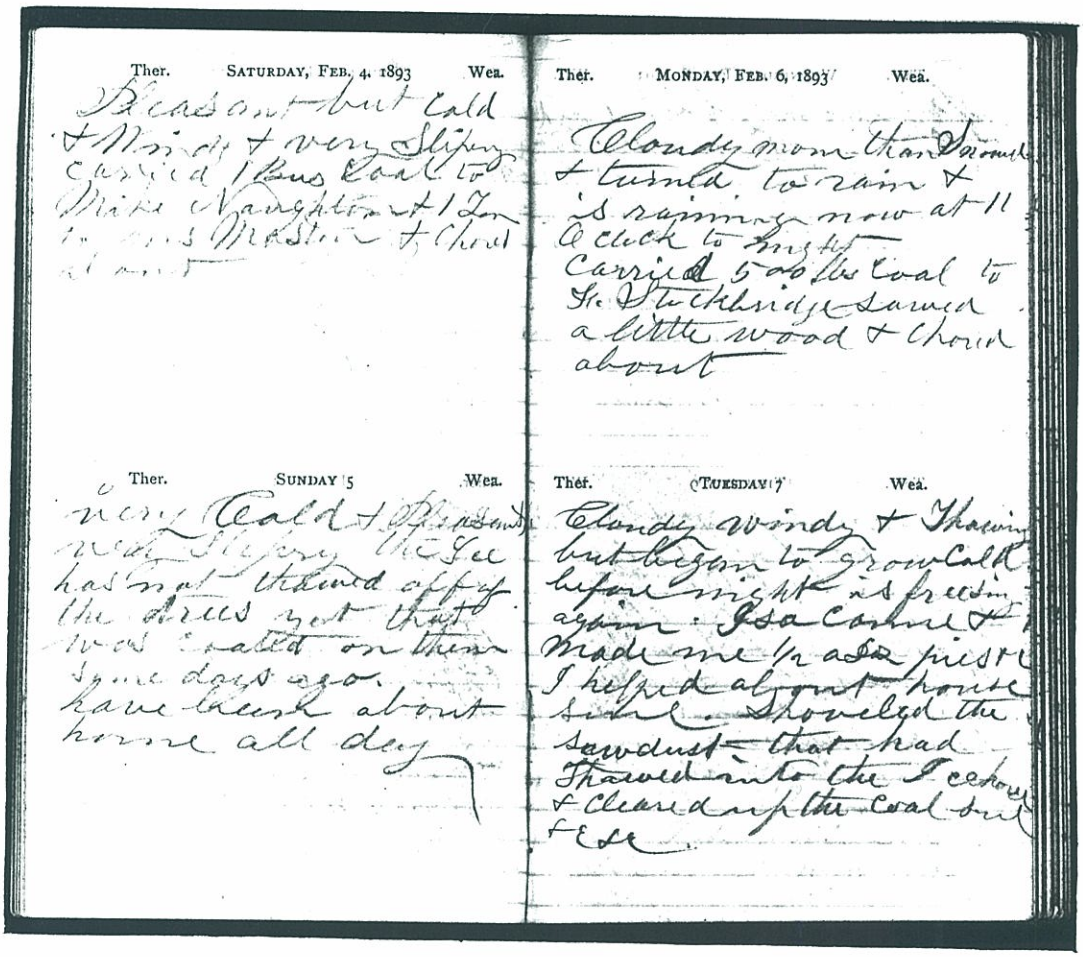
Cloudy & chilley towards night. Was a fine mist or sleet, froze as it came & some rain this eve. Trimed & carried
2 Bus. turnips to Austin Chilsons market. Mrs. Lasure went with me to F. Bennetts & came back with me. Left deed for L. R. Whitaker to cary to Registry at Dedham.

Thursday, Feb. 2, 1893

Cloudy most the day. Sun shown some. Very slipery, all glazed over with Ice. Thawed a little. Had 2 Bbls oil come this A.M. Put it in old shop. Drawed off some of it.
Jody Clark broke his leg this morn.

Friday 3

Stormy most the day, rain or sleet, is very slipery. All coated with ice again & thawes enough to make it very slipery. Chored about house. Skimed milk. Set a pain of glass in horse barn & one in house, down stairs & c & c.



Saturday, Feb. 4, 1893

Pleasant but cold & windy & very slippery. Carried 1 Bus Coal to Mike Naughton & 1 Ton to Mrs. Maston & chored about.

Sunday 5

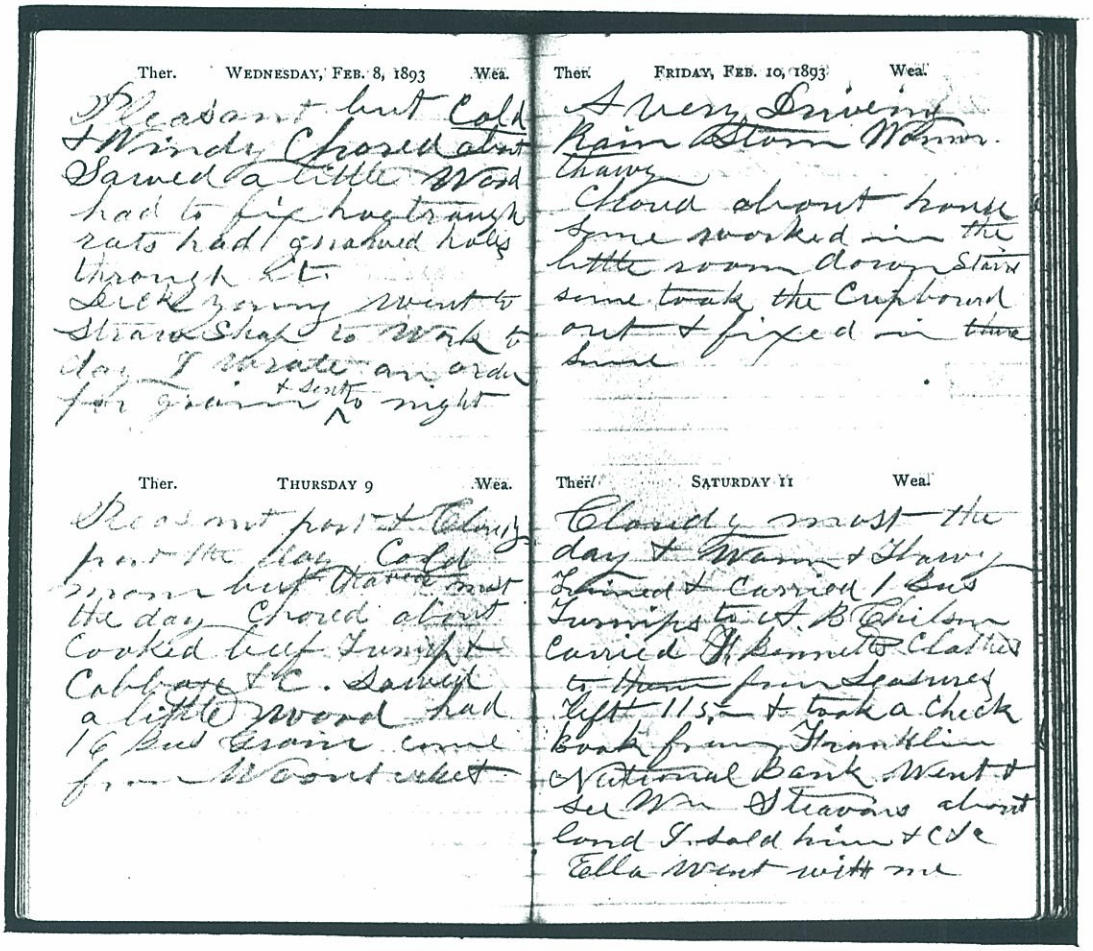
Very Cold & pleasant. Very slippery. The ice has not thawed off of the trees yet that was coated on them some days ago. Have been about home all day.

Monday, Feb. 6, 1893

Cloudy morn than snowed & turned to rain & is raining now at 11 o'clock tonight.

Tuesday 7

Cloudy, windy & thawing but began to grow cold before night. Is freesing again. Isa came & made me ½ -?- pies & I helped about house some. Shoveled the sawdust that had thawed into the icehouse & cleared up the coal some & c & c.



Wednesday, Feb 8, 1893

Pleasant but cold & windy. Chored about. Sawed a little wood. Had to fix hog trough, rats had gnawed holes through it.
Dick Young went to Straw Shop to work to day. I wrote an order for grain & sent tonight.

Thursday 9

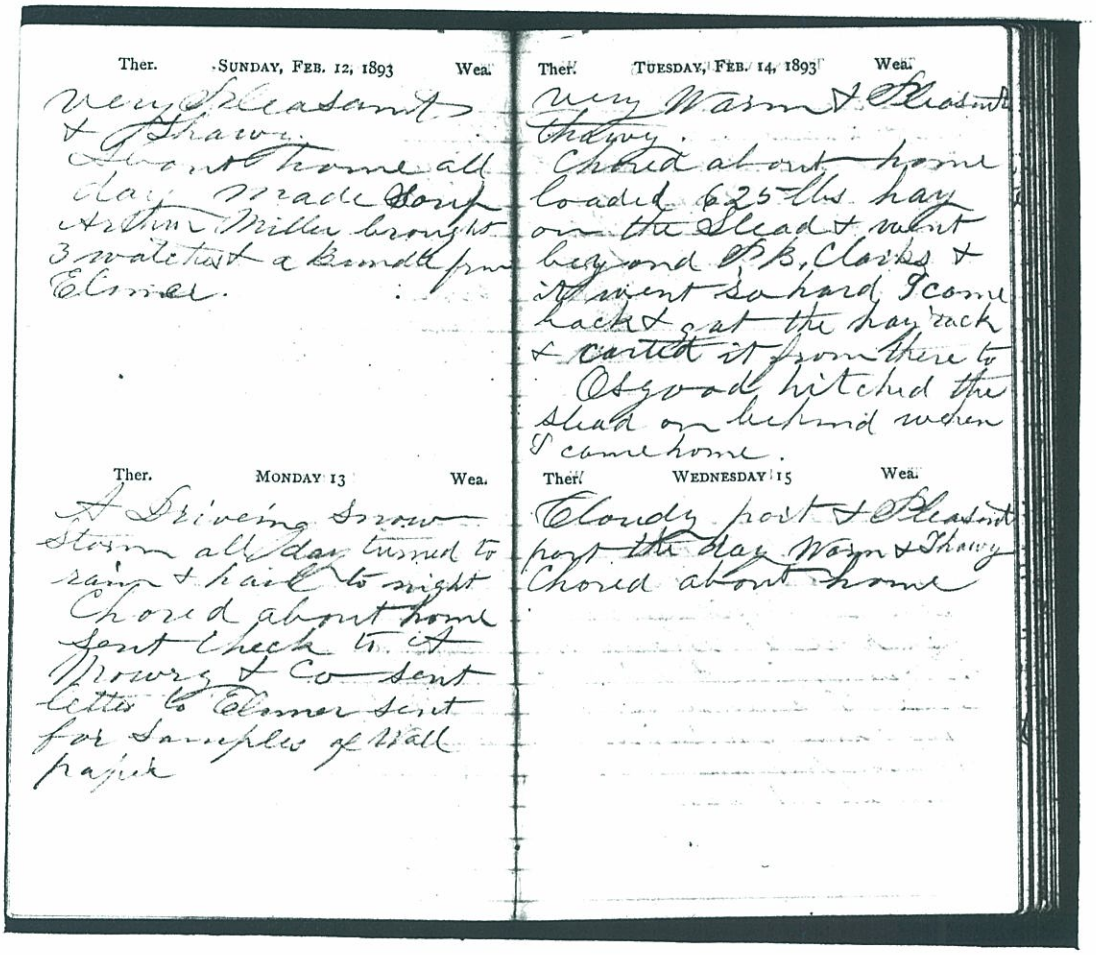
Pleasant part & cloudy part the day. Cold morn but thawed most the day. Chored about. Cooked beef, turnip & cabbage & c. Sawed a little wood. Had 16 Bus Grain come from Woonsocket.

Friday, Feb. 10, 1893

A very driving rain storm. Warmer, thawy. Chored about house some. Worked in the little room down stairs some. Took the cupboard out & fixed in there some.

Saturday 11

Cloudy most the day & warm & thawy. Trimmed & carried 1 bus turnips to A. B. Chilson. Carried F. Bennett clothes to them from Leasures, left 115. - & took a check book from Franklin National Bank. Went & see Wm Steavons about land I sold him & c & c. Ella went with me.



Ther. SUNDAY, FEB. 12, 1893 Wea.

Very Pleasant & Thawy.
About home all day. Made Soup
Arthur Miller brought 3 watches & a bundle from Elmer.

Ther. MONDAY 13 Wea.

A Driving Snow Storm all day turned to rain & hail to night
Chored about home
Sent check to A Mowry & Co sent letter to Elmer sent for samples of Wall paper

Ther. TUESDAY, FEB. 14, 1893 Wea.

Very Warm & Pleasant Thawy.
Chored about home
Loaded 625 lbs. hay on the Slead & went beyond P.B. Clarks & it went so hard I came back & got the hay rack & carted it from there to Osgood hitched the slead on behind when I came home.

Ther. WEDNESDAY 15 Wea.

Cloudy part & Pleasant part the day Warm & Thawy
Chored about home

Sunday, Feb. 12, 1893

Very Pleasant & thawy. About home all day. Made Soup. Arthur Miller brought 3 watches & a bundle from Elmer.

Monday 13

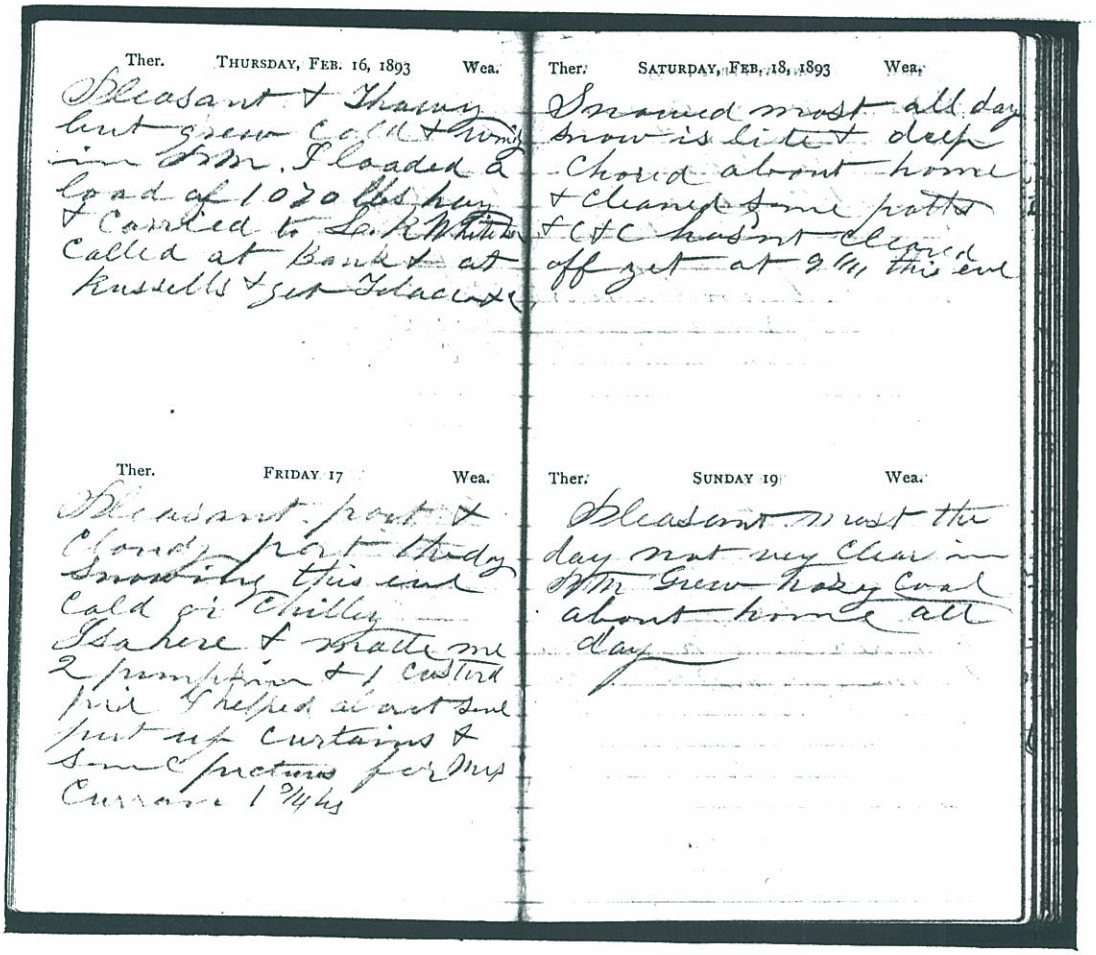
A driving snow storm all day, turned to rain & hail tonight. Chored about home. Sent check to A. Mowry & Co. Sent letter to Elmer. Sent for samples of wall paper.

Tuesday, Feb 14, 1893

Very warm & pleasant, thawy. Chored about home. Loaded 625 lbs hay on the slead & went beyond P.B. Clarks & it went so hard I came back & got the hay rack & carted it from there to Osgood. Hitched the slead on behind wagon & came home.

Wednesday 15

Cloudy part & pleasant part the day. Warm & thawy. Chored about home.



Ther. THURSDAY, FEB. 16, 1893 Wea.

Pleasant & Thawy but grew cold & windy in P.M. I loaded a load of 1070 lbs hay & carried to L. R. White Called at Bank & at Russells & got Tobacco &c

Ther. SATURDAY, FEB. 18, 1893 Wea.

Snowed most all day Snow is lite & deep Chored about home & Cleaned some paths & C & C hasn't cleared off yet at 9 PM this eve

Ther. FRIDAY 17 Wea.

Pleasant part & Cloudy part the day Snowing this eve Cold or Chilly Isa here & made me 2 pumpkin & 1 Custard pie I helped about some put up Curtains & some pictures for Mrs Curran 1 ¾ hs

Ther. SUNDAY 19 Wea.

Pleasant most the day not very Clear in P.M. Grew hazy Cool about home all day

Thursday, Feb. 16, 1893

Pleasant & thawy but grew cold & windy in P.M. I loaded a load of 1070 lbs hay & carried to L. R. White. Called at bank & at Russells & got Tobacco & c.

Saturday, Feb. 1893

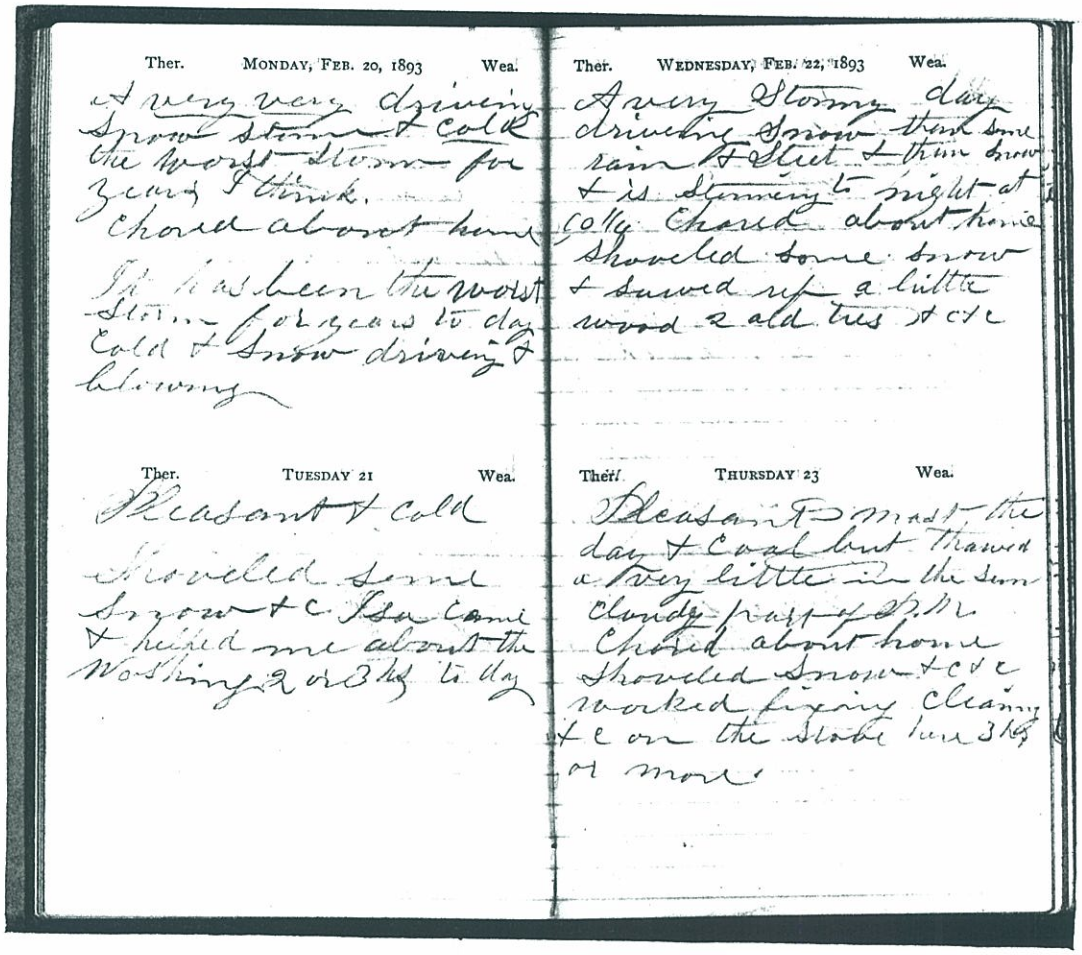
Snowed most all day. Snow is lite & deep. Chored about home & cleaned some paths & c & c. Hasn't cleared off yet at 9 pm this eve.

Friday 17

Pleasant part & cloudy part the day. Snowing this eve, cold or chilley. Isa here & made me2 pumpkins & 1 custard pie. I helped about some, put up curtains & some pictures for Mrs. Curran, 1 ¾ hs.

Sunday 19

Pleasant most the day, not very clear in P.M. Grew hazy, cool. About home all day.



Monday, Feb. 20, 1893

**A very, very driving snow storm & cold, the worst storm for years, I think**. Chored about home. It has been the worst storm for years to day, cold & snow driving & blowing.

Tuesday 21

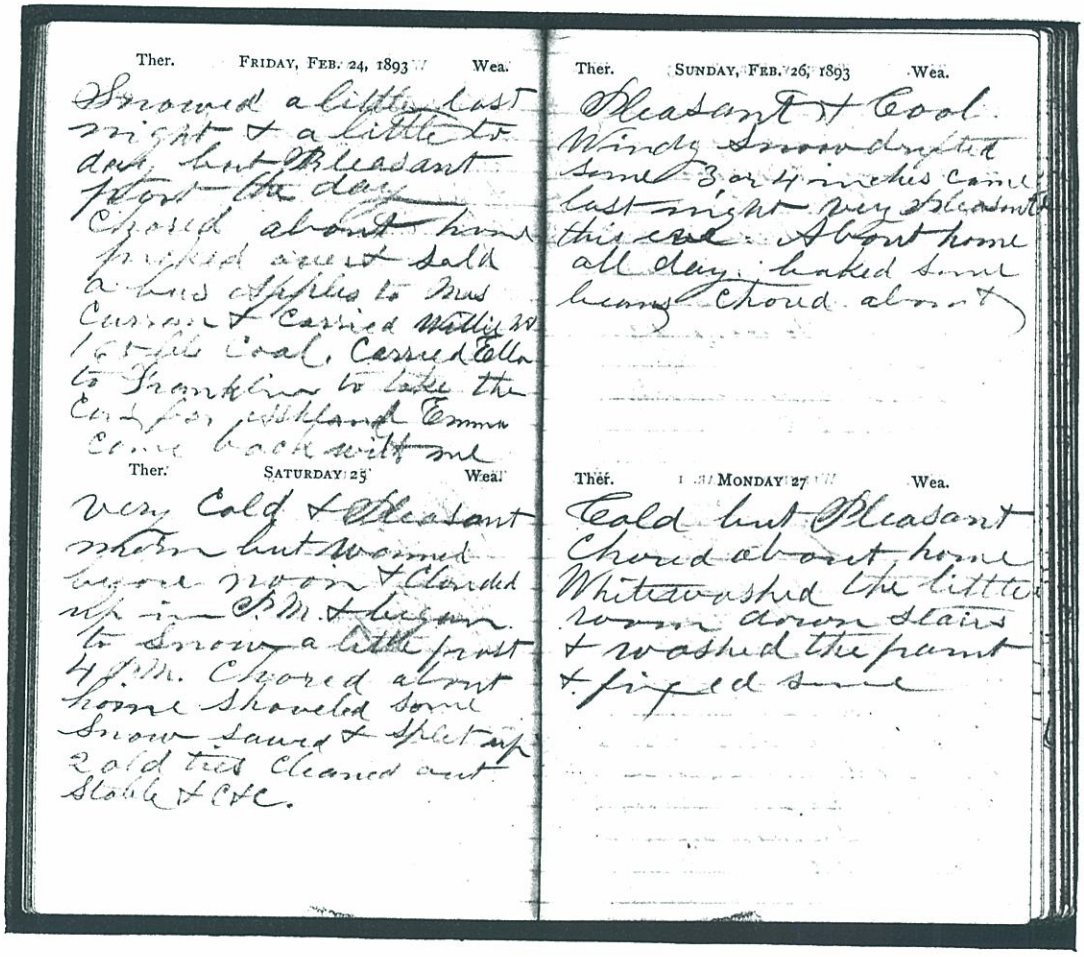
Pleasant & cold. Shoveled some snow & c. Isa came & helped me about the washing, 2 or 3 hrs to day.

Wednesday, Feb 22, 1893

A very stormy day, driving snow, then some rain & sleet & then snow & is snowing to night at 10 ¼. Chored about home. Shoveled some snow & sawed up a little wood, two old ties & c & c.

Thursday 23

Pleasant most the day & cold but thawed a very little in the snow. Cloudy part of P.M. Chored about home. Shoveled snow & c & c. Worked fixing, cleaning & c on the stove here, 3 hrs or more.



Ther. FRIDAY, FEB. 24, 1893 Wea.

Snowed a little last night & a little to day, but Pleasant part the day. Chored about home picked over & sold a bus Apples to Mrs Curran & carried Willie 165 lbs coal. Carried Ella to Franklin to take the cars for Ashland Emma came back with me

Ther. SATURDAY 25 Wea.

very Cold & Pleasant morn but warmed before noon & Clouded up in P.M. & began to snow a little past 4 P.M. Chored about home Shoveled some Snow Sawed & Split up 2 old ties Cleaned out Stable & c&c.

Ther. SUNDAY, FEB. 26, 1893 Wea.

Pleasant & Cool. Windy Snow drifted some 3 or 4 inches came last night very Pleasant this eve. About home all day. baked some beans Chored about

Ther. MONDAY 27 Wea.

Cold but Pleasant Chored about home Whitewashed the little room down stairs & washed the paint & fixed sink

Friday, February 24, 1893

Snowed a little last night & a little to day but Pleasant part the day. Chored about home. Picked over & sold a bus apples to Mrs. Curran & carried Willie 165 lbs coal. Carried Ella to Franklin to take the cars for Ashland. Emma came back with me.

Saturday 25

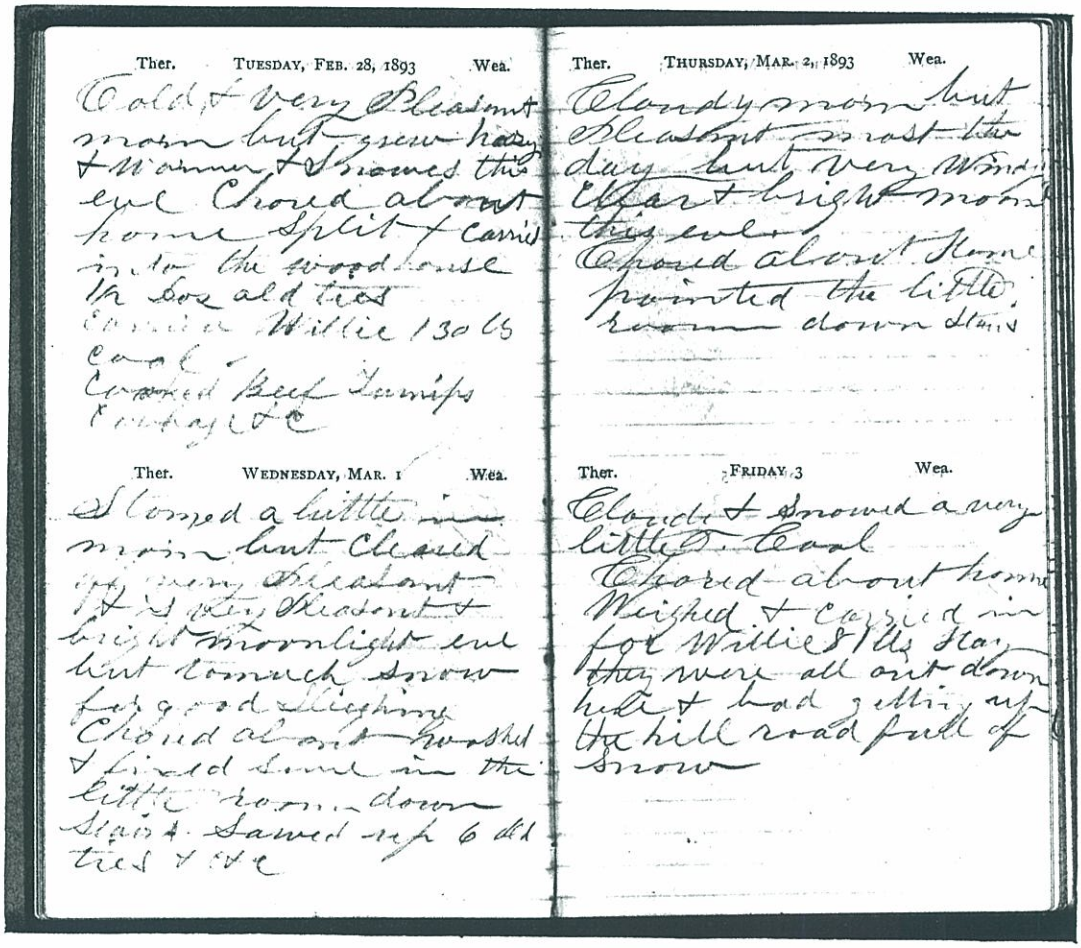
Very cold & pleasant morn but warmed before noon & clouded up in P.M. & began to snow _?_ 4 p.m. chored about home. Shoveled some snow. Sawed & split up 2 old ties. Cleaned out stable & c & c.

Sunday, February 26, 1893

Pleasant & cool. Windy snow drifted some, 3 04 4 inches came last night. Very pleasant this eve. About home all day. Baked some beans, chored about.

Monday 27

Cold but pleasant. Chored about home. Whitewashed the little room down stairs & washed the paint & fixed sink.



Ther. TUESDAY, FEB. 28, 1893 Wea.

Cold & very pleasant morn but grew hazy & warmer & snows this eve. Chored about home. Split & carried into the wood house ½ doz. old ties. Carried Willie 130 lbs coal.
Cooked beef turnips cabbage & c.

Ther. WEDNESDAY, MAR. 1 Wea.

Stormed a little in morn but cleared off very pleasant & is very pleasant & bright moonlight eve but to much snow for good sleighing. Chored about. Washed & fixed some in the little room down stairs. Sawed up 6 old ties & c & c.

Ther. THURSDAY, MAR. 2, 1893 Wea.

Cloudy morn but pleasant most the day but very windy. Clear & bright moon this eve. Chored about home. Painted the little room down stairs.

Ther. FRIDAY 3 Wea.

Cloudy & snowed a very little. Cool. Chored about home. Weighed & carried in for Willie 81 lbs hay. They were all out down here & hard getting up the hill road full of snow.

Tuesday, February 28, 1893

Cold & very pleasant morn but grew hazy & warmer & snows this eve. Chored about home. Split & carried into the wood house ½ doz. old ties. Carried Willie 130 lbs coal.
Cooked beef, turnips, cabbage & c.

Wednesday, March 1

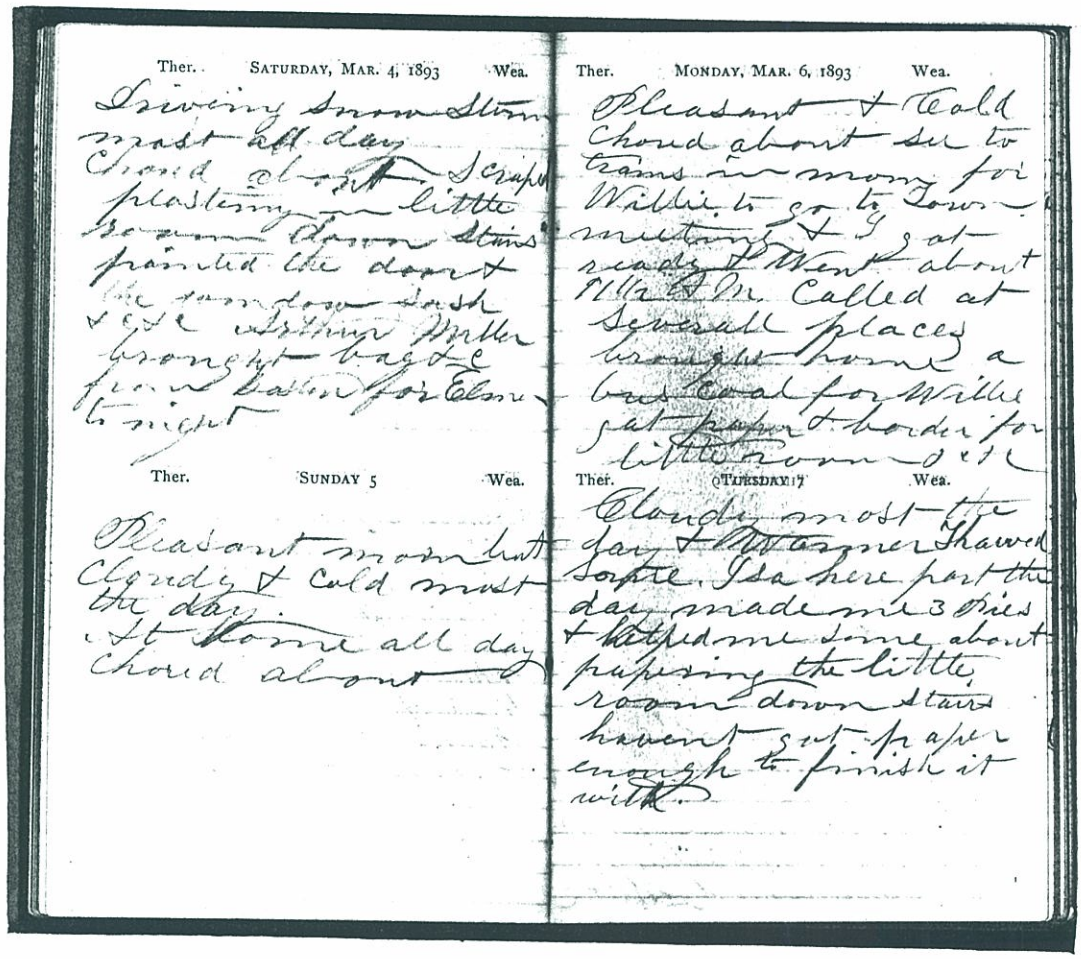
Stormed a little in morn but cleared off, very pleasant & is very pleasant & bright moonlight eve but to much snow for good sleighing. Chored about. Washed & fixed some in the little room down stairs. Sawed up 6 old ties & c & c.

Thursday, March 2, 1893

Cloudy morn but pleasant most the day but very windy. Clear & bright moon this eve. Chored about home. Painted the little room down stairs.

Friday 3

Cloudy & snowed a very little. Cool. Chored about home. Weighed & carried in for Willie 81 lbs hay. They were all out down here & hard getting up the hill, road full of snow.



Ther. SATURDAY, MAR. 4, 1893 Wea.

Driving snow storm most all day
Chored about. Scraped plastering in little room down stairs pointed the door & the window sash & c & c Arthur Miller brought bag & c from Batten for Elmer to night

Ther. SUNDAY 5 Wea.

Pleasant morn but cloudy & Cold most the day.
At home all day
Chored about

Ther. MONDAY, MAR. 6, 1893 Wea.

Pleasant & Cold
Chored about see to trains in morn for Willie to go to Town meeting & I got ready & went about 11½ A.M. Called at several places brought home a bus Coal for Willie got paper & border for little room & c & c

Ther. TUESDAY 7 Wea.

Cloudy most the day & warmer Thawed some. Isa here part the day made me 3 pies & helped me some about papering the little room down stairs haven't got paper enough to finish it with.

Saturday. March 4, 1893

Driving snow storm most all day. Chored about. Scraped plastering in little room down stairs. Pointed the door & the window sash & c & c. Arthur Miller brought bag & c. from Batten for Elmer to night.

Sunday 5

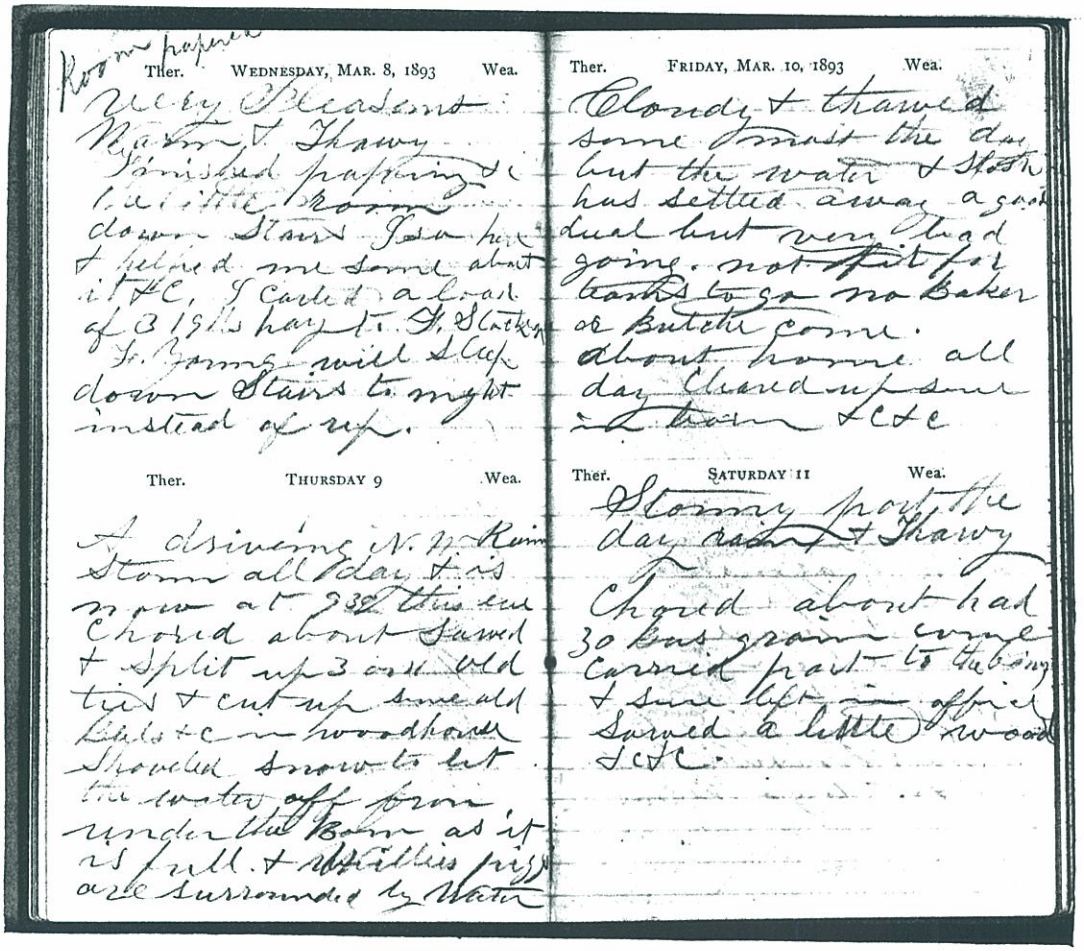
Pleasant morn but cloudy &cold most the day. At home all day. Chored about.

Monday, March 6, 1893

Pleasant & cold. Chored about. See to trains in morn for Willie to go to Town Meeting & I got ready & went about 11 ½ A.M. Called at several places. Brought home a Bus. coal for Willie. Got paper & border for little room & c & c.

Tuesday 7

Cloudy most the day & warmer. Thawed some. Isa here part the day. Made me 3 pies & helped me some about papering the little room down stairs. Haven't got paper enough to finish it with.



Room Papered

Wednesday, March 8, 1893

Very pleasant. Warm & thawy. Finished papering & c the little room down stairs. Isa here & helped me some about it & c. I carted a load of 319 lbs hay to F. Stockbridge. F. Young will sleep down stairs to night instead of up.

Thursday 9

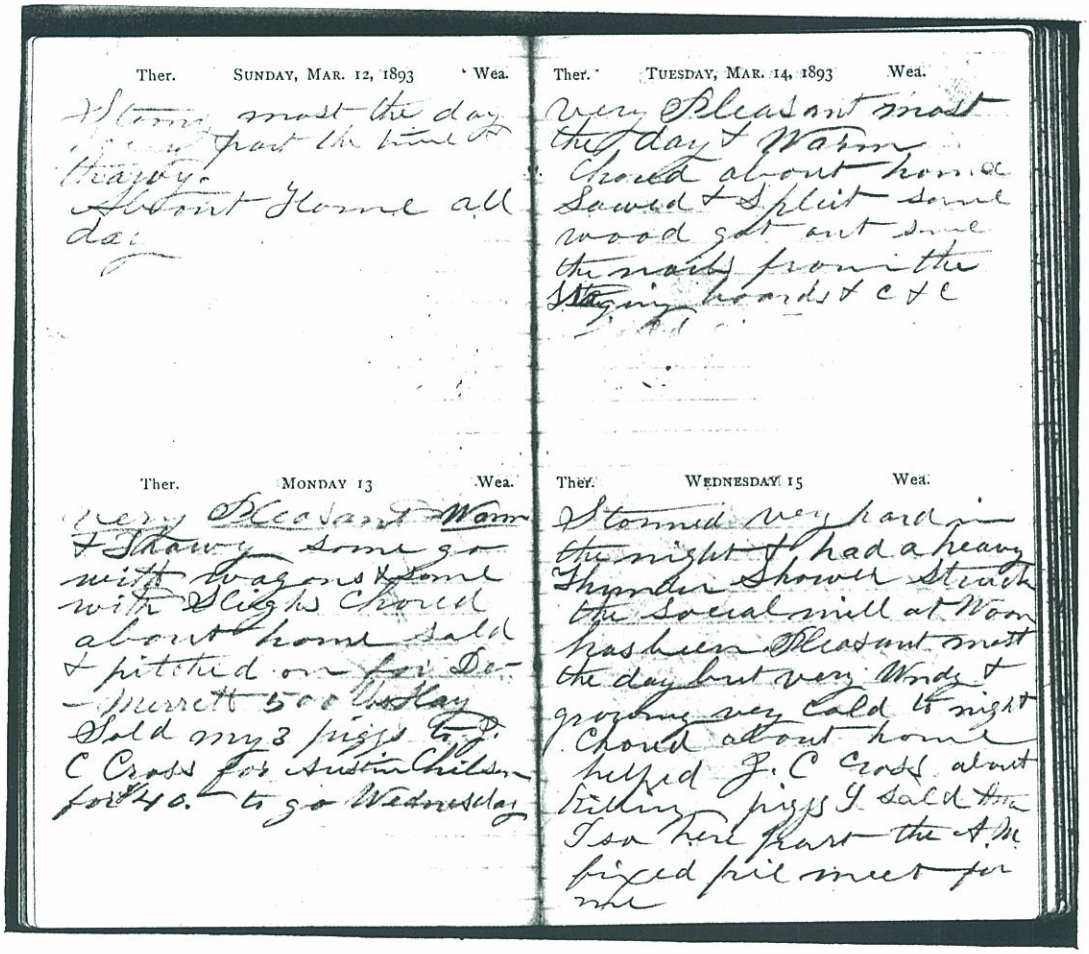
A driving N.W. Rain storm all day & is now at 9:30 this eve. Chored about. Sawed d& split up 3 or 4 old ties & cut up some old bbls & c., in wood house. Shoveled now to let the water off barn under the barn as it is full & Willies piggs are surrounded by water.

Friday, March 10, 1893

Cloudy & thawed some most the day but the water & slush as settled away a good _?_ but very bad going, not fit for teams to go. No baker or butcher came. About home all day. Cleared up some in barn & c & c.

Saturday 11

Stormy part the day, rain & thawy. Chored about. Had 30 bus. grain come. Carried part to the barn & some left in office. Sawed a little wood & c & c.



Ther. SUNDAY, MAR. 12, 1893 Wea.

Stormy most the day foggy part the time & thawy.
About Home all day.

Ther. TUESDAY, MAR. 14, 1893 Wea.

Very Pleasant most the day & Warm Chored about home Sawed & Split some wood got out some the nails from the Staying boards & c & c

Ther. MONDAY 13 Wea.

Very Pleasant Warm & Thawy some go with wagons & some with Sleighs Chored about home Sold & pitched on for D. Merrett 500 lbs hay Sold my 3 piggs to J. C Cross for Austin Chilson for $40. to go Wednesday

Ther. WEDNESDAY 15 Wea.

Stormed very hard in the night & had a heavy Thunder Shower Struck the Social mill at Woon has been Pleasant most the day but very Windy & growing very Cold to night Chored about home helped J. C Cross about killing piggs I sold him Isa here part the A.M. fixed pie meet for me

Sunday, March 12, 1893

Stormy most the day, foggy part the time & thawy. About home all day.

Monday 13

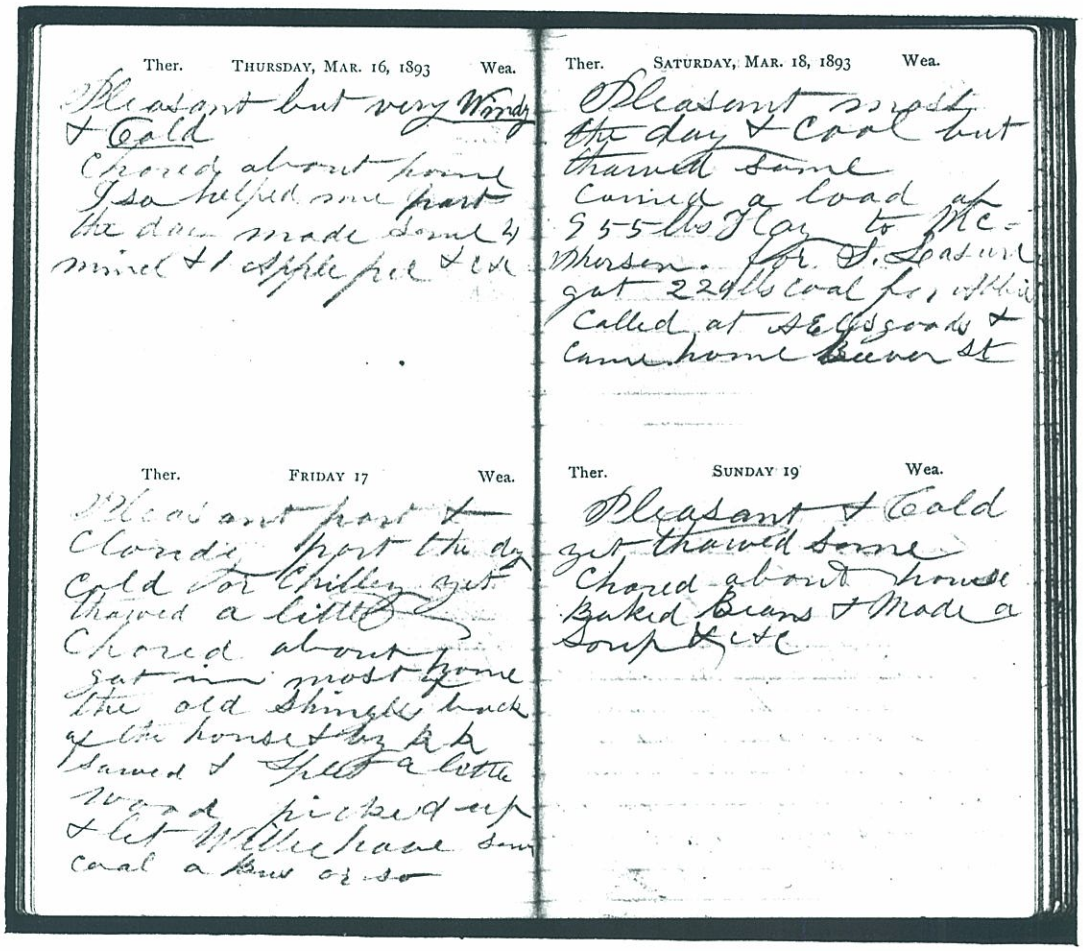
Very pleasant, warm & thawy. Some go with wagons & some with sleighs. Chored about home. Sold & pitcher on for D. Merrett, 500 lbs hay. Sold my 3 piggs to C. Cross for Austin Chilson for $40. to go Wednesday.

Tuesday, March 14, 1893

Very pleasant most the day & warm. Chored about home. Sawed & split some wood. Got out some the nails from the _?_ boards & c & c.

Wednesday 15

Stormed very hard in the night & had a heavy thunder shower. Struck the Social mill at Woon. Has been pleasant most the day but very windy & growing very cold to night. Chored about home. Helped J. C. Cross about killing piggs I sold him. Isa here part the A.M., fixed pie meet for me.



Ther. THURSDAY, MAR. 16, 1893 Wea.

Pleasant but very windy & cold
Chored about home
Isa helped me part the day made some 4 mince & 1 apple pie &c &c

Ther. SATURDAY, MAR. 18, 1893 Wea.

Pleasant most the day & cool but thawed some
Carried a load of 955 lbs Hay to McPherson. for L. Leasure
got 229 lbs coal for Abbie
Called at A. E. Osgoods &
Came home Beever St

Ther. FRIDAY 17 Wea.

Pleasant part & Cloudy part the day
Cold or Chilly yet thawed a little
Chored about
got in most of the old shingles back of the house & by R.R.
Sawed & split a little wood picked up & let Willie have some coal a bus or so

Ther. SUNDAY 19 Wea.

Pleasant & Cold
yet thawed some
Chored about house
Baked Beans & Made a Soup &c &c

Thursday, March 16, 1893

Pleasant but very windy & cold. Chored about home. Isa helped me part the day. Made some 4 mince & 1 apple pie & c & c.

Friday 17

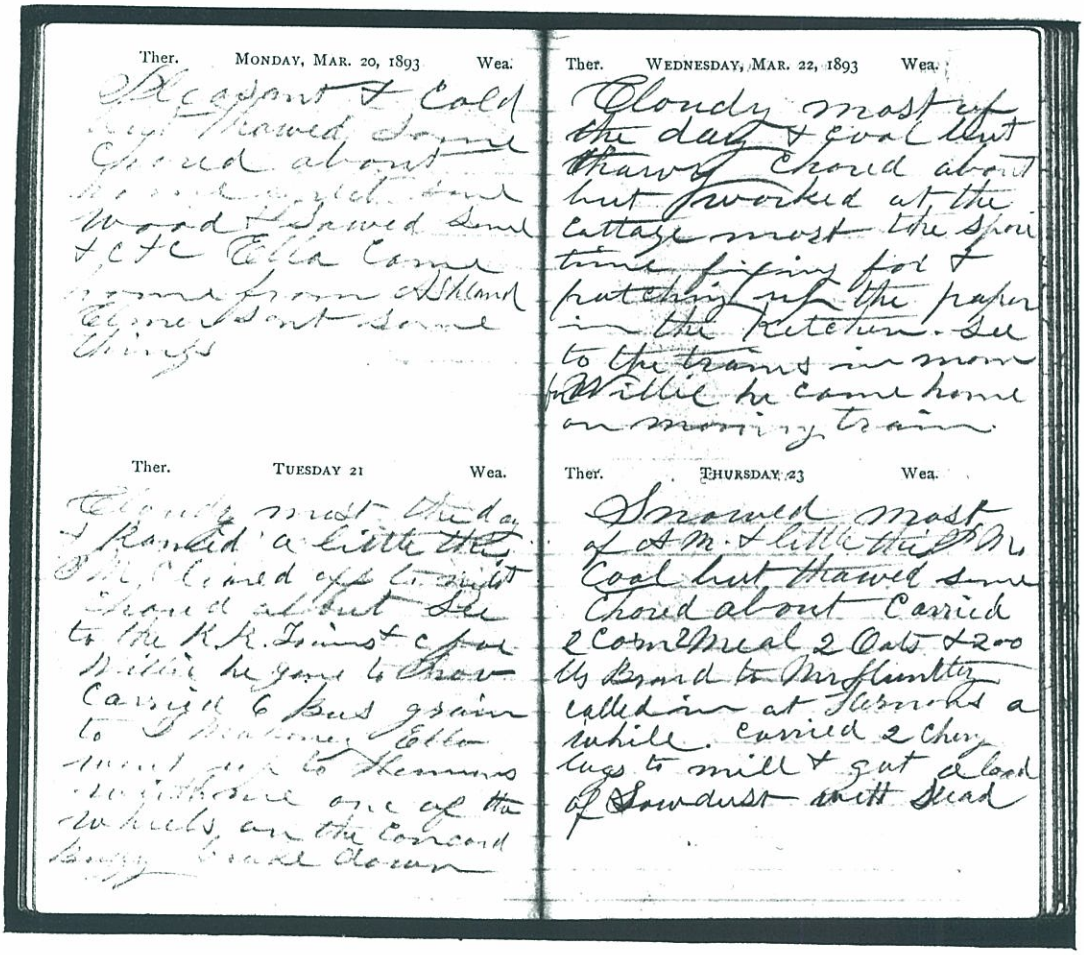
Pleasant part & cloudy part the day, cold or chilly, yet thawed a little. Chored about. Got in most of the old shingles back of the house & by R.R.. Sawed & split a little wood. Picked up & let Willie have some coal, a bus. or so.

Saturday, March 18, 1893

Pleasant most the day & cool but thawed some. Carried a load of 955 lbs hay to McPherson for L. Leasure. Got 229 lbs coal for Abbie. Called at A. E. Osgoods & came home Beever St.

Sunday 19

Pleasant & cold, yet thawed some. Chored about house. Baked beans & made a soup & c & c.



Monday, March 20, 1893

Pleasant & cold but thawed some. Chored about home. Got some wood & sawed some & c & c. Ella came home from Ashland. Elmer sent some things.

Tuesday 21

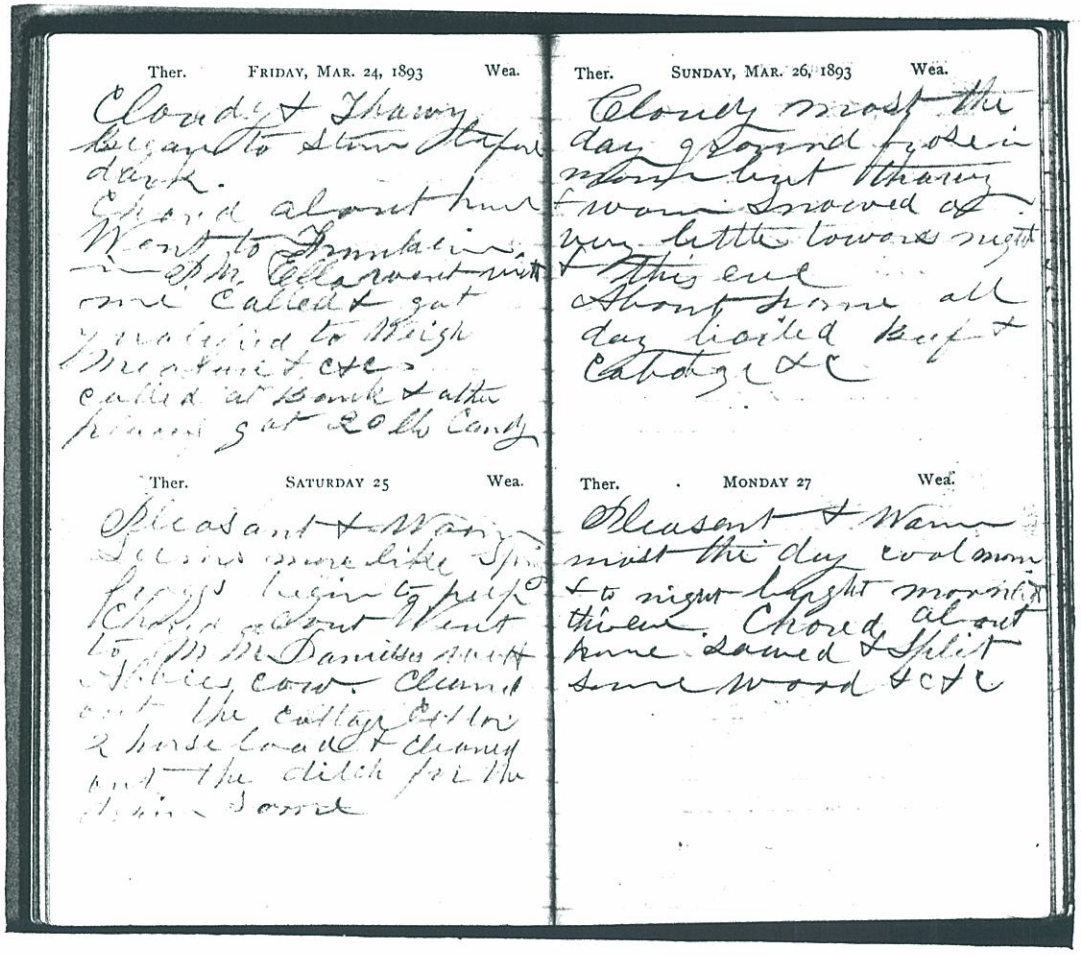
Cloudy most the day & rained a little this P.M. Cleared off to night. Chored about. See to the R.R. trains & c. for Willie. He gone to Prov. Carried 6 bus grain to D. Mahoney. Ella went up to Hermons with me. One of the wheels on the Concord buggy broke down.

Wednesday, March 22, 1893

Cloudy most of the day & cool but thawy. Chored about but worked at the cottage most the spare time fixing for & patching up the paper in the kitchen. See to the trains in morn for Willie, he came home on morning train.

Thursday 23

Snowed most of A.M. & little this P.M. Cool but thawed some. Chored about. Carried 2 corn meal, 2 oats & 200 lbs _?_ to Mr. Huntly. Called in at Hermons a while. Carried 2 cherry logs to mill & got a load of sawdust with sled.



Friday, March 24, 1893

Cloudy & thawy, began to storm before dark. Chored about home. Went to Franklin in P.M. Ella went with me. Called **& got qualified to Weigh Measure** & c & c.

Saturday 25

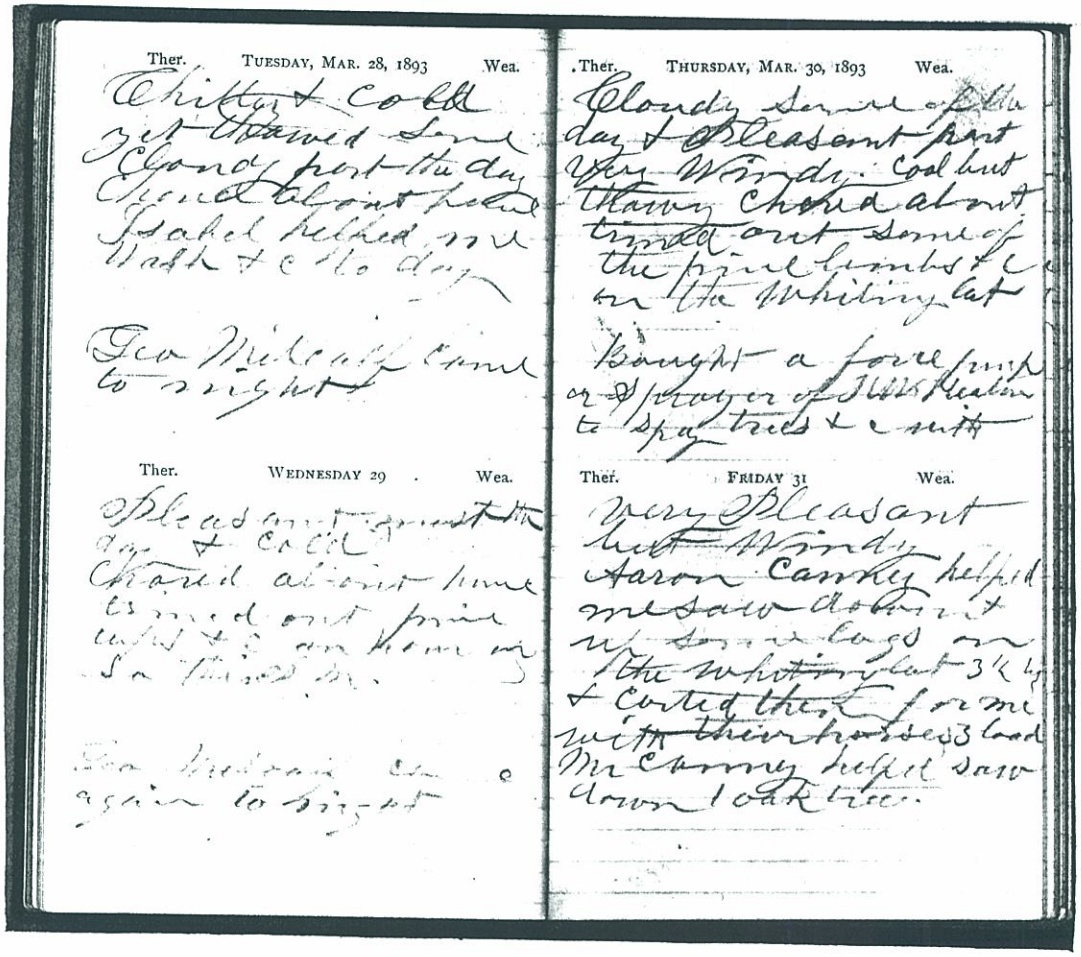
Pleasant & warm, summer like. Spring frogs began to peep. Chored about. Went to M. M. Danielses with Abbie's cow. Cleaned out the cottage cellar. 2 horse load & cleaned out the ditch for the drain some.

Sunday, March 26, 1893

Cloudy most the day, ground frose in morn but thawy & warm. Snowed a very little towards night & this eve. About home all day. Boiled beef & cabbage & c.

Monday 27

Pleasant & warm most the day, cool morn & to night, bright moon light this eve. Chored about home. Sawed & split some wood & c & c.



Tuesday, March 28, 1893

Chilly & cold yet thawed some. Cloudy part the day. chored about home. Isabel helped me wash & c & c to day.
George Metcalf came to night.

Wednesday 29

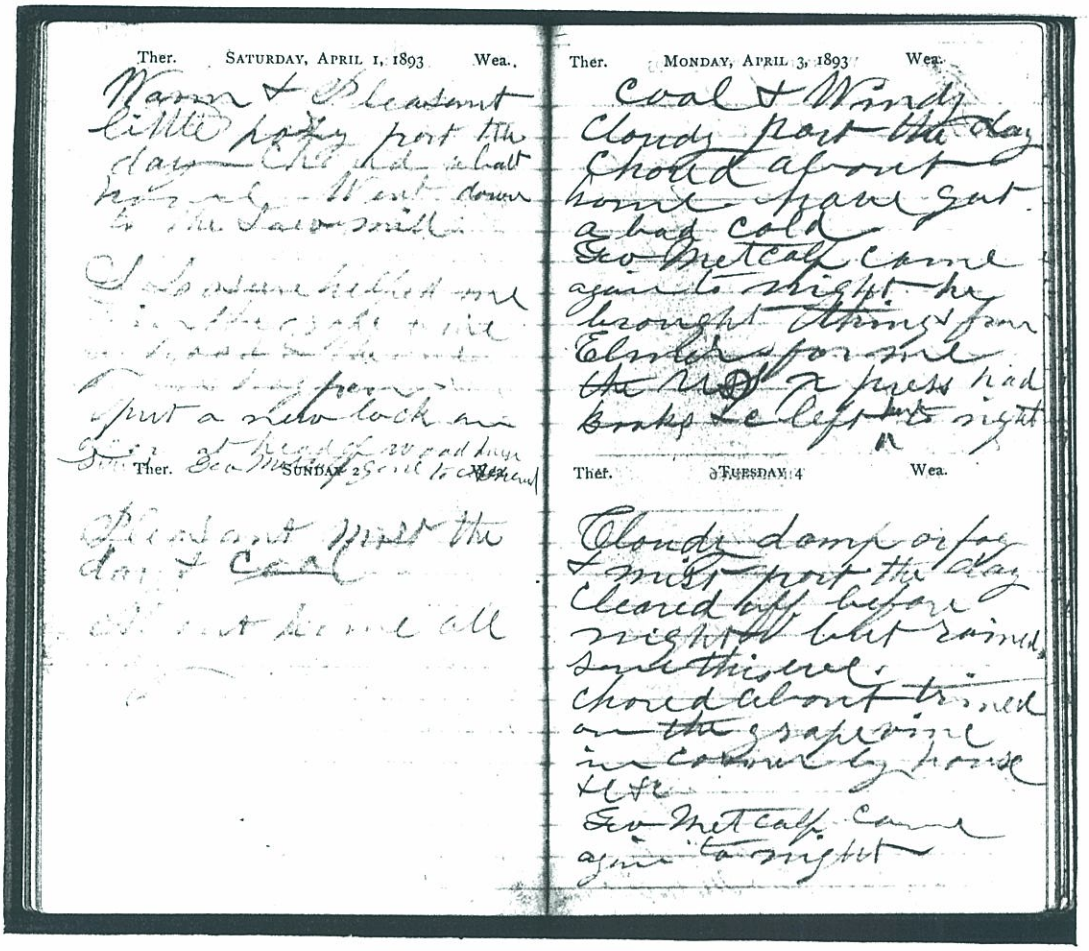
Pleasant most the day & cold. Chored about home. Trimmed out pine caps & came home in So This P.M. Geo. Metcalf came again to night.

Thursday, March 30, 1893

Cloudy some of the day & pleasant part. Very windy, cool but thawy. Chored about. Trimmed out some of the pine limbs & c. in the Whiting lot.
Bought a force pump or sprayer of H. W. Heaton to spray trees & c with.

Friday 31

Very Pleasant but windy. Aaron Canny helped me saw down some logs on the Whiting lot, 3 ½ hrs & carted them for me with their horses. Mr. Canny helped saw down 1 oak tree.



Saturday, April 1, 1893

Warm & Pleasant, little hazy part the day. Chored about home. Went down to the Saw mill.
L. Leasure help me trim the grape vine by the road and the one by the hog pen. Put a new lock in door at head of wood house. George Metcalf gone to Ashland.

Sunday 2

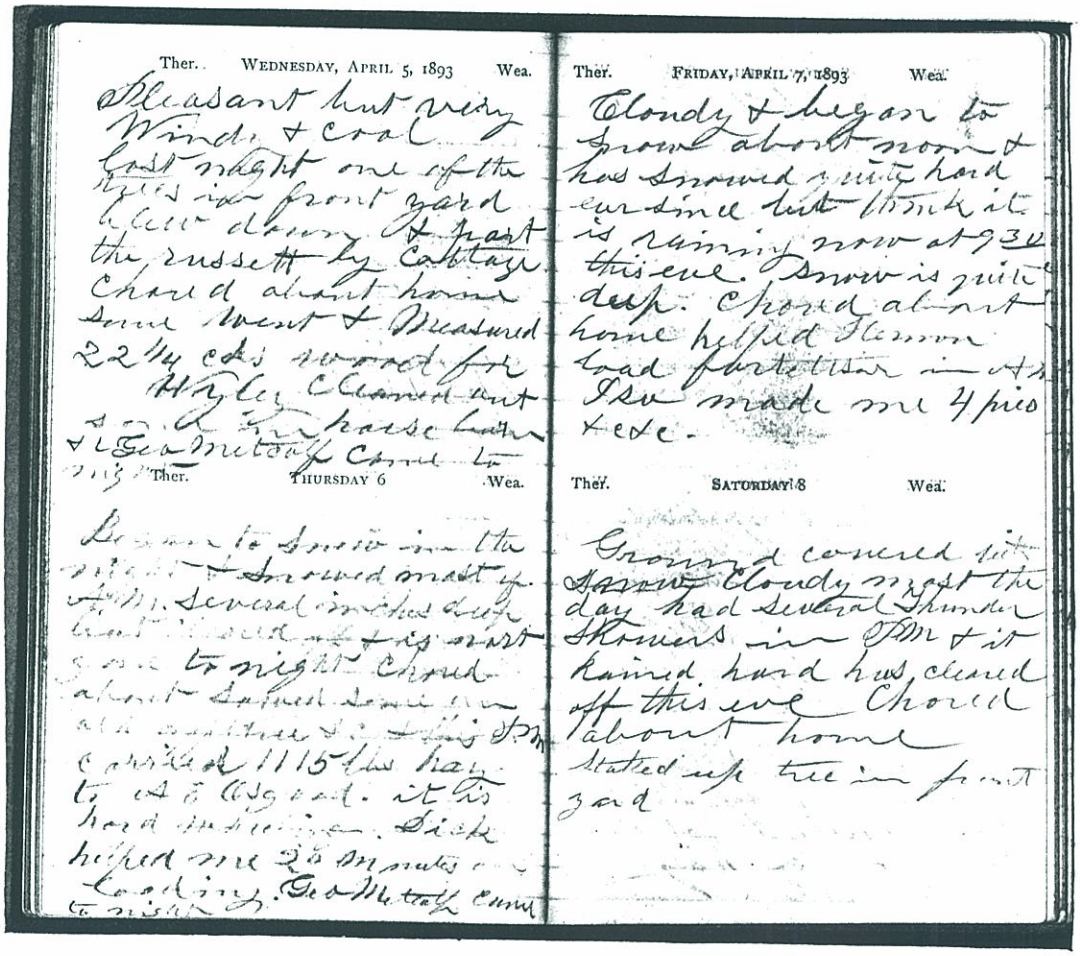
Pleasant most the day & cool. About home all day.

Monday, April 3, 1893

Cool & windy part the day, chored about home. Have got a bad cold. Geo. Metcalf came again tonight. He brought things from Elmer for me. The U.S _?_ press had books & c. , left here to night.

Tuesday 4

Cloudy damp or fog & mist part the day. Cleared off before night but rained some this eve. Chored about, Trimmed on the grape vine in corner by house & c & c. Geo. Metcalf came again tonight.



Ther. WEDNESDAY, APRIL 5, 1893 Wea.

Pleasant but very
Windy & cool
Last night one of the
trees in front yard
blew down & part
the russett by cottage
Chored about house
some Went & Measured
22¼ cds wood for
Wyler Cleaned out
some in horse barn
& Geo Metcalf Came to
night

Ther. THURSDAY 6 Wea.

Began to snow in the
night & snowed most of
A.M. Several inches deep
but cleared off & is most
gone to night Chored
about Sawed some in
old apple tree & c this P.M.
carried 1115 lbs hay
to A E Osgood. it is
hard wheeling. Dick
helped me 20 minutes on
loading. Geo Metcalf came
to night

Ther. FRIDAY, APRIL 7, 1893 Wea.

Cloudy & began to
snow about noon &
has snowed quite hard
ever since but think it
is raining now at 9 30
this eve. Snow is quite
deep. Chored about
home helped Hermon
load fertilizer in A.M.
Isa made me 4 pies
& c & c.

Ther. SATURDAY 8 Wea.

Ground covered with
snow Cloudy most the
day had several Thunder
showers in P.M. & it
rained hard has cleared
off this eve Chored
about home
Staked up tree in front
yard

Wednesday, April 5, 1893

Pleasant but very windy & cool. Last night one of the trees in front yard blew down and part the Russett by cottage. Chored about house some. Went & measured 22 ¼ cds wood for Wyler. Cleaned out some in horse barn & Geo. Metcalf came to night.

Thursday 6

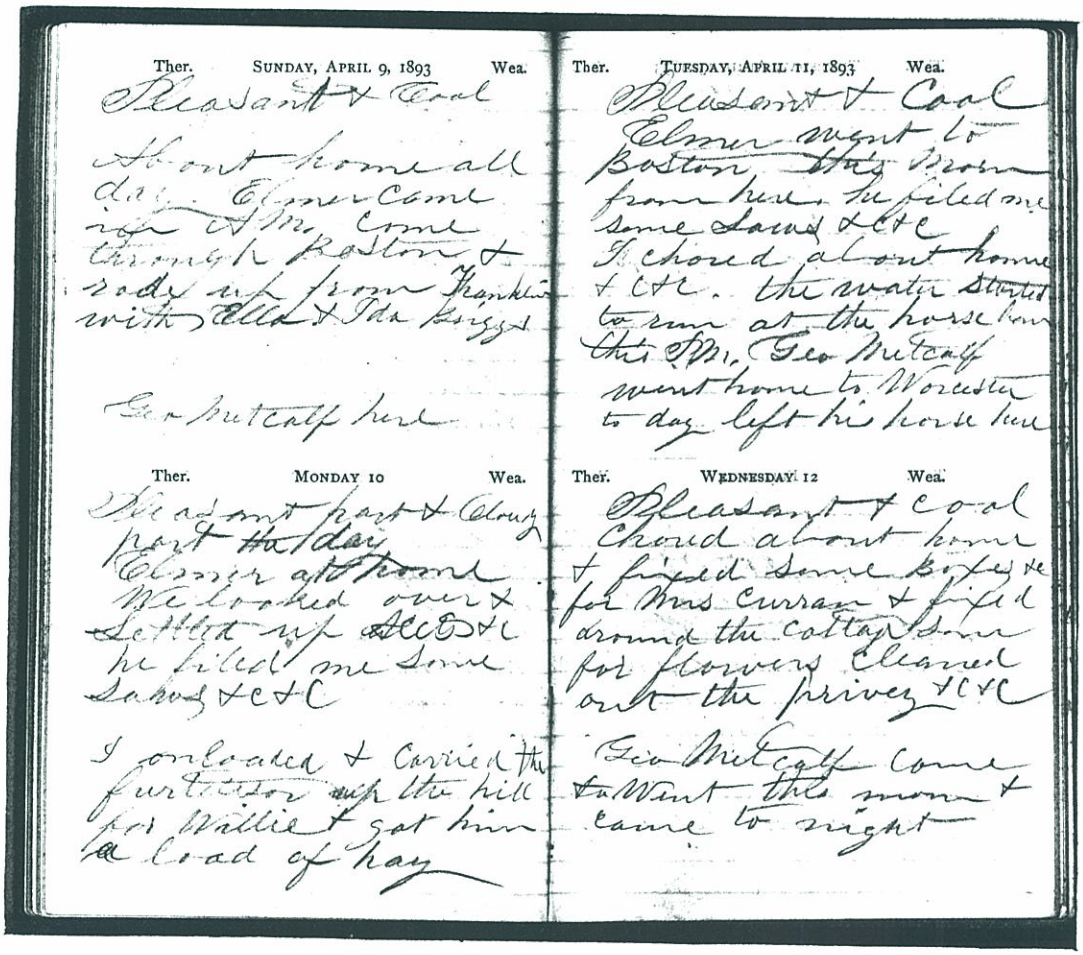
Began to snow in the night & snowed most of A.M. Several inches deep but cleared off & is most gone to night. Chored about. Sawed some in old apple tree & c & this P.M. carried 1115 lbs hay to A. E. Osgood. It is hard wheeling. Dick helped by 20 minutes on loading. Geo Metcalf came to night.

Friday, April 7, 1893

Cloudy & began to snow about noon & has snowed quite hard ever since, but think it is raining now at 9:30 this eve. Snow is quite deep. Chored about home. Helped Hermon load for Tilson in A.M. Isa made me 4 pies & c & c.

Saturday 8

Ground covered with snow, cloudy most the day. Had several Thunder showers in P.M. & it rained hard. Has cleared off this eve. Chored about home. Staked up tree in front yard.



Ther. SUNDAY, APRIL 9, 1893 Wea.

Pleasant & Cool

About home all day. Elmer came in A.M. Came through Boston & rode up from Franklin with Ella & Ida Briggs.

Geo Metcalf here

Ther. TUESDAY, APRIL 11, 1893 Wea.

Pleasant & Cool

Elmer went to Boston this morn from here. He filed me some saws &c&c

I chored about home &c&c. the water started to run at the horse barn this P.M. Geo Metcalf went home to Worcester to day left his horse here

Ther. MONDAY 10 Wea.

Pleasant part & Cloudy part the day

Elmer at home

We looked over & settled up accts &c

he filed me some saws &c&c

I onloaded & carried the furtilisor up the hill for Willie & got him a load of hay

Ther. WEDNESDAY 12 Wea.

Pleasant & cool

Chored about home & fixed some boxes &c for Mrs Curran & fixed around the cottage some for flowers Cleared out the privey &c&c

Geo Metcalf come to Wint this morn & came to night

Sunday, April 9, 1893

Pleasant & Cool.
About home all day. Elmer came in A.M. Came through Boston & rode up from Franklin with Ella & Ida Briggs.
Geo. Metcalf here.

Monday 10

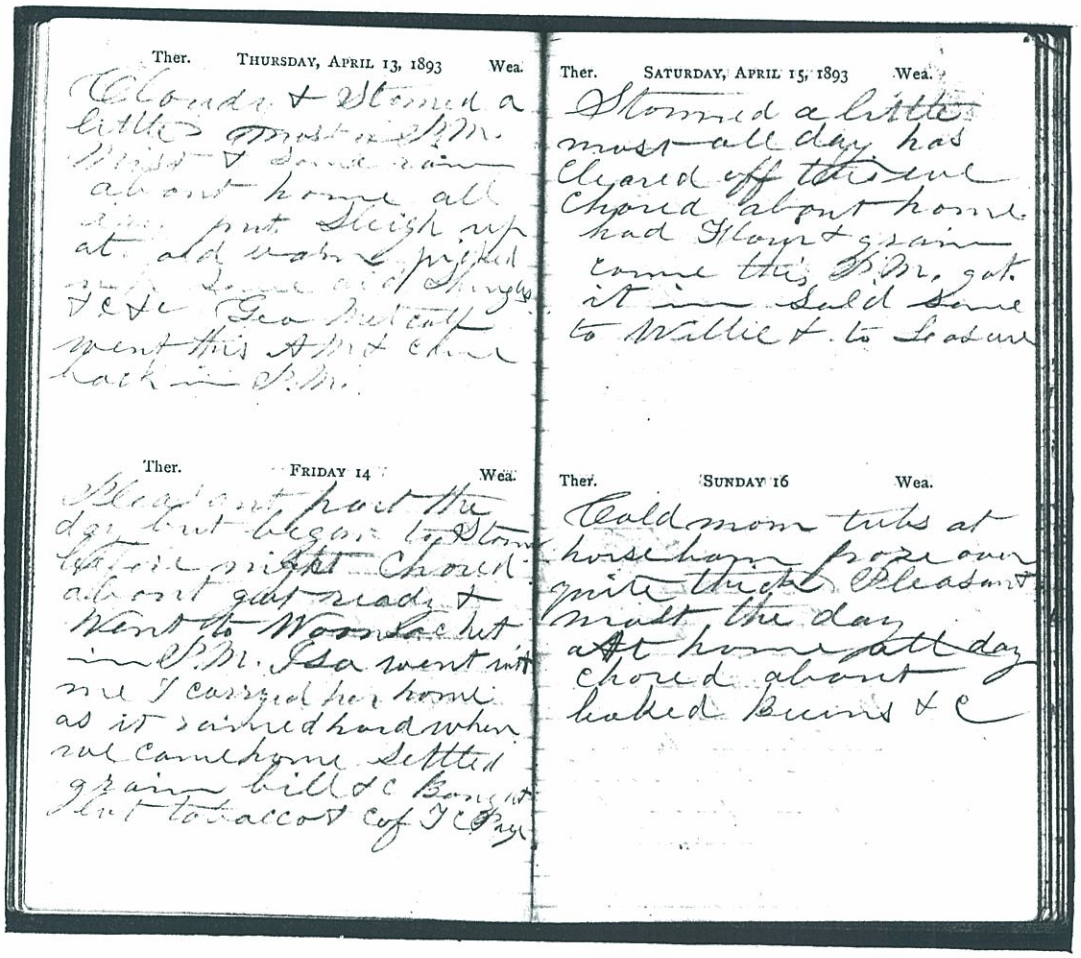
Pleasant part & cloudy part the day. Elmer at home. We looked over & settled up accts & c. He filed me some saws & c & c.
I on loaded & carried the furtilisor up the hill for Willie & got him a load of hay.

Tuesday, April 11, 1893

Pleasant & cool. Elmer went to Boston this morn from here. He filed me some saws & c & c. I chored about home & c & c. The water started to run at the horse barn this P.M. Geo. Metcalf went home to Worcester to day, left his horse here.

Wednesday 12

Pleasant & cool. Chored about home & fixed some boxes & c. for Mrs. Curran & fixed around the cottage some for flowers. Cleared out the privey & c & c.
Geo. Metcalf came & went this morn & came to night.



Ther. THURSDAY, APRIL 13, 1893 Wea.

Cloudy & stormed a little most of P.M. Mist & some rain about home all day. Put sleigh up at old barn & picked up some old shingles & c & c. Geo Metcalf went this A.M. & came back in P.M.

Ther. SATURDAY, APRIL 15, 1893 Wea.

Stormed a little most all day has cleared off this eve. Chored about home. Had flour & grain come this P.M. got it in. Sold some to Willie & to Leasure

Ther. FRIDAY 14 Wea.

Pleasant part the day but began to storm before night. Chored about. Got ready & went to Woonsocket in P.M. Isa went with me I carried her home as it rained hard when we came home. Settled grain bill & c Bought lot tobacco & calf T. C. Page

Ther. SUNDAY 16 Wea.

Cold morn tubs at horse barn froze over quite thick. Pleasant most the day At home all day Chored about baked Beans & c

Thursday, April 13, 1893

Cloudy & stormed a little most of P.M. Mist & some rain. About home all day. Put sleigh up at old barn. Picked up some old shingles & c & c. Geo Metcalf went this A.M. & came back in P.M.

Friday 14

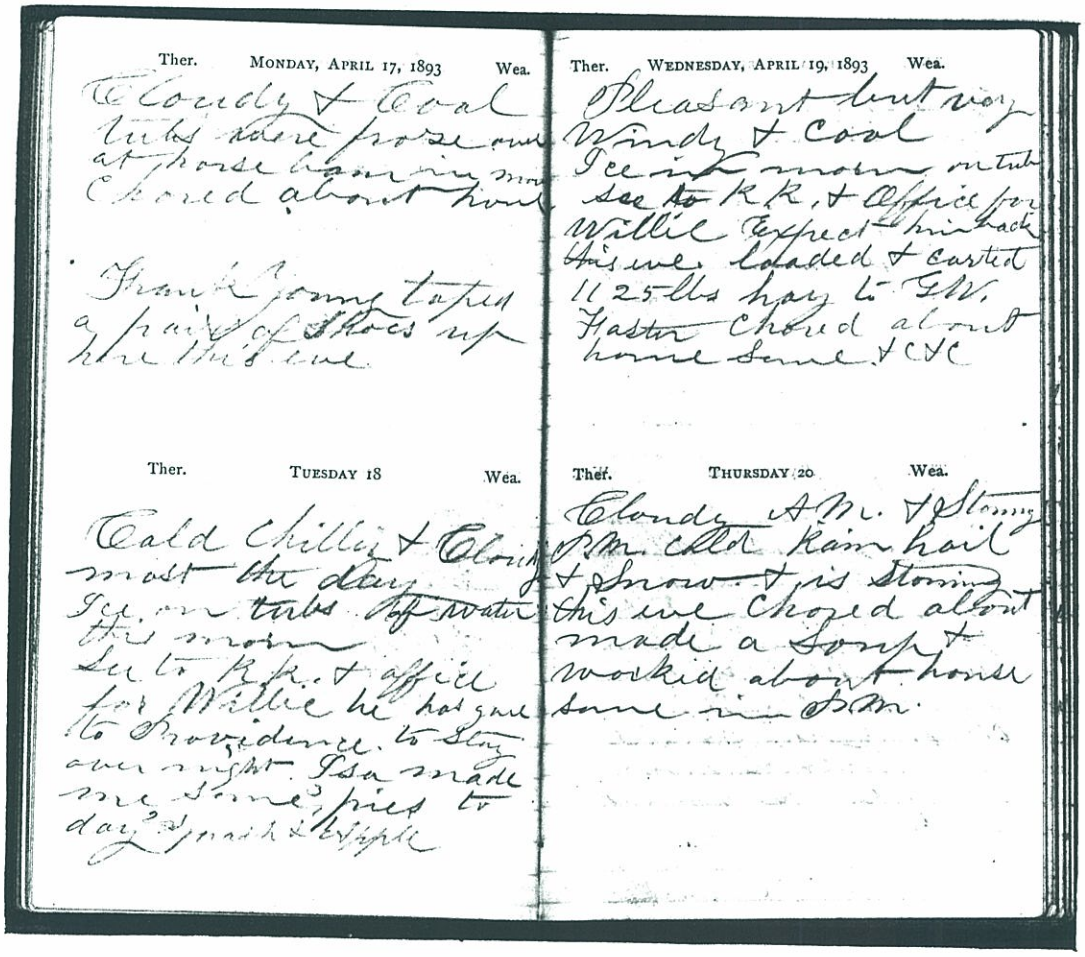
Pleasant part the day but began to storm before night. Chored about. Got ready & went to Woonsocket in P.M. Isa went with me. I carried her home as it rained hard when we came home. Settled grain bill & c. Bought lot tobacco & calf T. C. Page.

Saturday , April 15, 1893

Stormed a little most all day. Has cleared off this eve. Chored about home. Had flour & grain come this P.M. Got it in. Sold some to Willie & to Leasure.

Sunday 16

Cold morn. Tubs at horse barn frose over quite thick. Pleasant most the day. At home all day. Chored about. Baked beans & c.



Ther. MONDAY, APRIL 17, 1893 Wea.

Cloudy & Cool
tubs were frose over
at horse barn in mor
Chored about home

Frank Young taped
a pair of Shoes up
here this eve

Ther. WEDNESDAY, APRIL 19, 1893 Wea.

Pleasant but very
Windy & Cool
Ice in morn on tub
See to R.R. & Office for
Willie Expect him back
this eve. Loaded & carted
1125 lbs hay to G.W.
Foster Chored about
home some & C&C

Ther. TUESDAY 18 Wea.

Cold Chilly & Cloudy
most the day
Ice on tubs of water
this morn
See to R.R. & office
for Willie he has gone
to Providence to stay
over night. Isa made
me some pies to
day 2 squash & 1 apple

Ther. THURSDAY 20 Wea.

Cloudy A.M. & Stormy
P.M. cold Rain hail
& Snow & is storming
this eve Chored about
made a Soup &
worked about house
some in P.M.

Monday, April 17, 1893

Cloudy & cool. Tubs were frose over at horse barn in morn. Chored about home.
Frank Young taped a pair of shoes up here this eve.

Tuesday 18

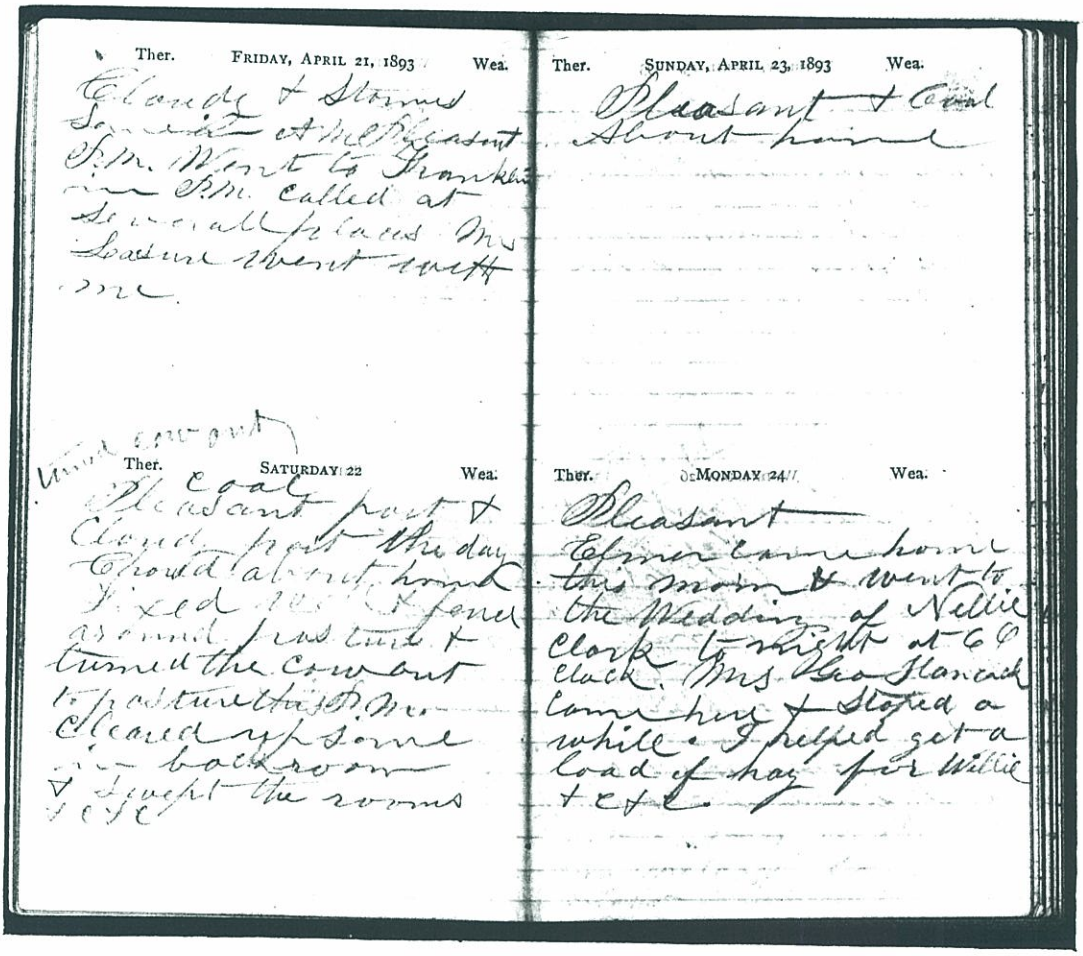
Cold, chilly & cloudy most the day. Ice on tubs of water this morn. See to R.R. & office for Willie. He has gone to Providence to stay over night. Isa made me some , 3, pies to day, 2 squash & 1 apple.

Wednesday, April 19, 1893

Pleasant but very windy & c9ool. Ice in morn on tubs. See to R.R. & office for Willie. Expect him back this eve. Loaded & carted 1125 lbs hay to G. W. Foster. Chored about home some & c & c.

Thursday 20

Cloudy A.M. & stormy. P.M. cold rain hail & snow & is storming this eve. Chored about. Made a soup & worked about house some in P.M.



Ther. FRIDAY, APRIL 21, 1893 Wea.

Cloudy & stormed some in A.M. Pleasant P.M. Went to Franklin in P.M. Called at several places Mrs Leasure went with me.

Ther. SUNDAY, APRIL 23, 1893 Wea.

Pleasant & cool About home

Turned cow out

Ther. SATURDAY 22 Wea.

Cool Pleasant part & Cloudy part the day Chored about home Fixed wall & fence around pasture & turned the cow out to pasture this P.M. Cleared up some in back room & swept the rooms &c &c

Ther. MONDAY 24 Wea.

Pleasant Elmer came home this morn & went to the Wedding of Nellie Clark to night at 6 O'clock. Mrs Geo Hancock came here & stopped a while. I helped get a load of hay for Willie &c &c

Friday, April 21, 1893

Cloudy & stormed some in A.M. Pleasant P.M. Went to Franklin in P.M. Called at several places. Mrs. Leasure went with me.

Saturday 22

Turned cow out

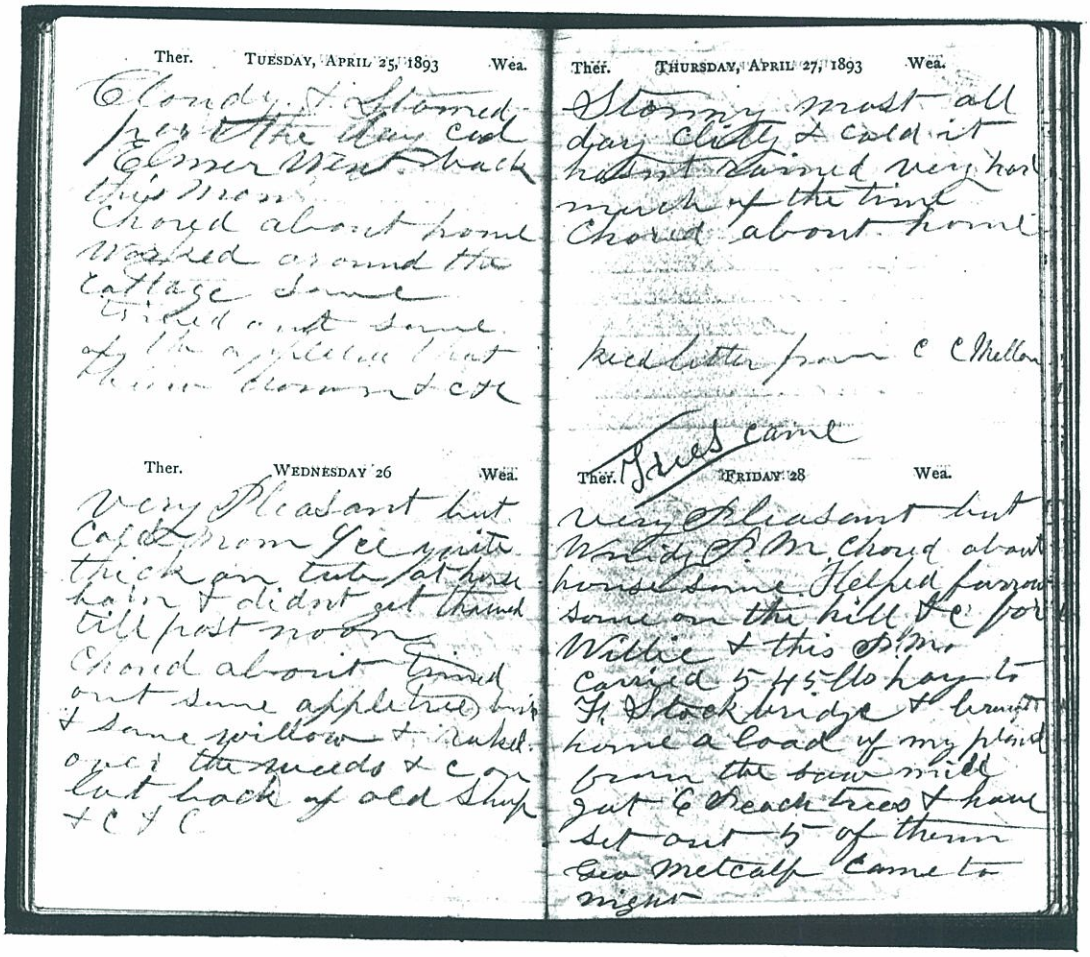
Pleasant cool part & cloudy par the day. Chored about home. Fixed wall & fence around pasture & turned the cow out to pasture this P.M. Cleared up some in back room & swept the rooms & c & c.

Sunday April 23, 1893

Pleasant & cool. About home.

Monday 24

Pleasant. Elmer came home this morn & went to the Wedding of Nellie Clark to night at 6 O'clock. Mrs. Geo. Hancock came here & stopped a while. I helped get a load of hay for Willie & c & c.



Ther. TUESDAY, APRIL 25, 1893 Wea.

Cloudy & stormed part the day cool Elmer went back this morn Chored about home Worked around the cottage some Trimed out some of the apple that blew down & c &c

Ther. WEDNESDAY 26 Wea.

Very Pleasant but Cold morn Ice quite thick on tub at horse barn & didn't get thawed till past noon Chored about trimed out some apple trees & some willow & raked over the weeds & c on lot back of old Shop & c & c

Ther. THURSDAY, APRIL 27, 1893 Wea.

Stormy most all day chilly & cold it hasn't rained very hard much of the time Chored about home

Rec'd letter from C C Mellon

Ther. Trees came FRIDAY 28 Wea.

Very Pleasant but Windy P.M. Chored about house some Helped furrow some on the hill &c for Willie & this P.M. carried 545 lbs hay to F. Stockbridge & brought home a load of my plank from the saw mill got 6 Peach trees & have set out 5 of them Geo Metcalf came to night

Tuesday, April 25, 1893

Cloudy & stormed part the day, cool. Elmer went back this morn. Chored about home. Worked around the cottage some. Trimmed out some of the apple tree that blew down & c & c.

Wednesday 26

Very pleasant but cold morn. Ice quite thick on tub at horse barn & didn't get thawed till past noon. Chored about. Trimmed out some apple trees & some willow & raked over the weeds & c on lot back of old shop & c & c.

Thursday, April 27, 1893

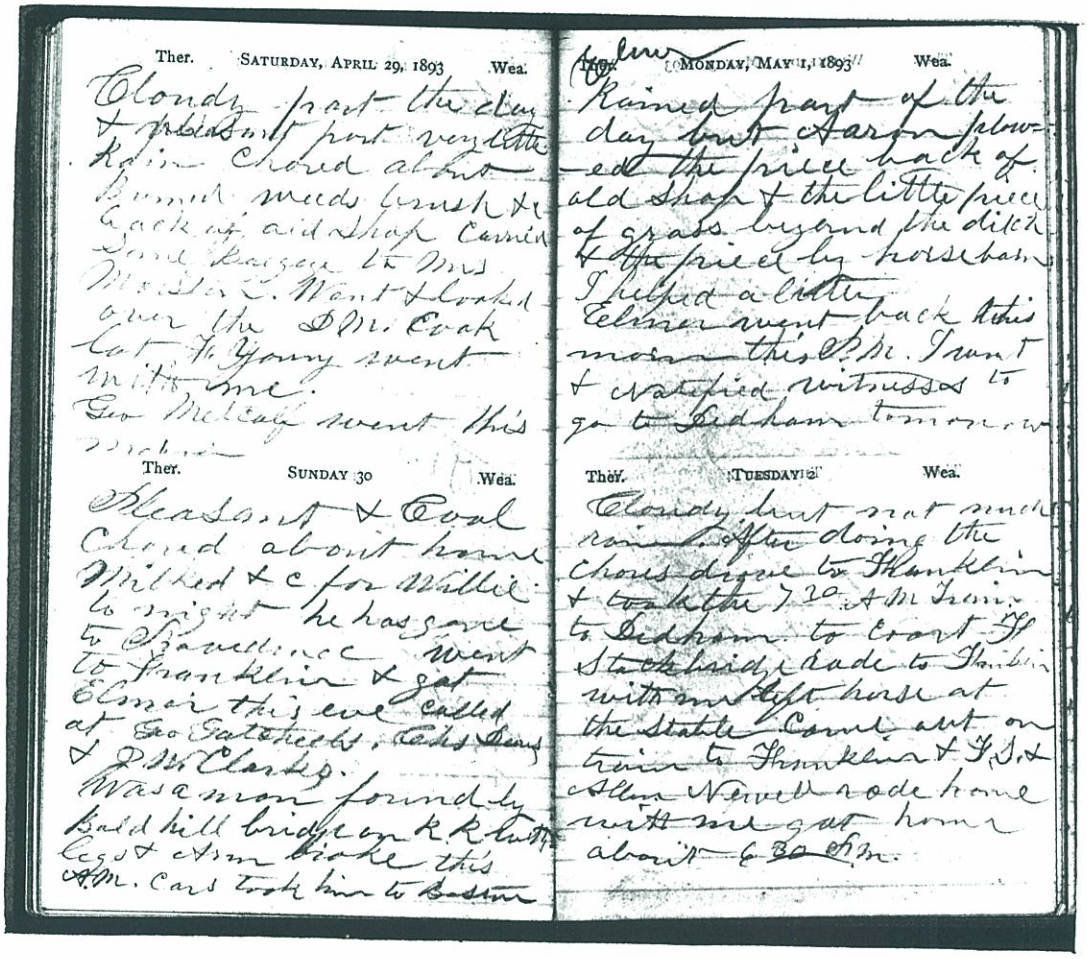
Stormy most all day, chilly & cold. It hasn't rained very hard much of the time. Chored about home.

Rec'd letter from C. C. Mellon

Friday 28

Trees came

Very pleasant but windy P.M. Chored about house some. Helped furrow some on the hill & c. for Willie & this P.M. carried 545 lbs hay to F. Stockbridge & brought home a load of my planks from the saw mill. Got 6 peach trees & have set out 5 of them. Geo Metcalf came to night.


Ther. SATURDAY, APRIL 29, 1893 Wea.
Cloudy part the day & pleasant part very little rain. Chored about. Burned weeds brush &c back of old shop. Carried some baggage to Mrs Marston. Went & looked over the D.M. Cook lot. F. Young went with me.
Geo Metcalf went this morn.

Ther. SUNDAY 30 Wea.
Pleasant & cool. Chored about home. Milked &c for Willie to night. He has gone to Providence. Went to Franklin & got Elmer this eve called at Geo Gotchells, Chs Deans & J W Clarks.
Was a man found by Bald Hill bridge on R R with legs & arm broke this A.M. Cars took him to Boston

Ther. MONDAY, MAY 1, 1893 Wea.
Rained part of the day but Aaron plowed the piece back of old shop & the little piece of grass beyond the ditch & the piece by horse barn. I helped a little. Elmer went back this morn. This P.M. I went & notified witnesses to go to Dedham tomorrow

Ther. TUESDAY 2 Wea.
Cloudy but not much rain. After doing the chores drove to Franklin & took the 7.20 A.M. train to Dedham to Court. F. Stockbridge rode to Franklin with me left horse at the stable. Came out on train to Franklin & F.S. & Allen Newell rode home with me. Got home about 6.30 P.M.

Saturday, April 29, 1893

Cloudy part the day & pleasant part. Very little rain. Chored about. Burned weeds, brush & c back of old shop. Carried some baggage to Mrs. Marston. Went & looked over the D.M. Cook lot. F. Young went with me.
Geo. Metcalf went this morn.

Sunday 30

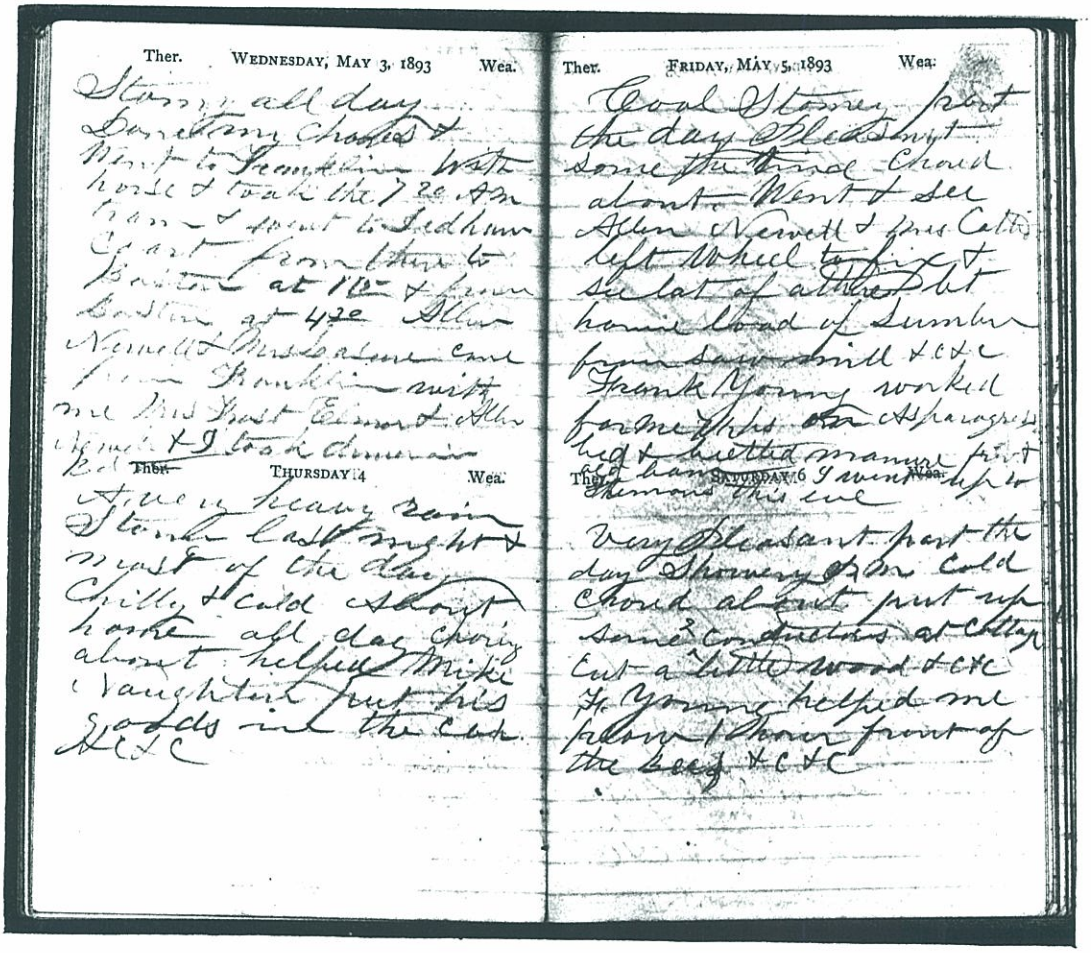
Pleasant & cool. Chored about home. Milked & c for Willie to night. He has gone to Providence. Went to Franklin & got Elmer this eve. Called at Geo. Gotchells, Chs Deans & J. W. Clarks.
**Was a man found by Bald Hill bridge on R. R. with legs & arm broke this A.M. Cars took him to Boston**.

Monday, May 1, 1893

Elmer
Rained part of the day but Aaron plowed the piece back of old shop & the little piece of grass beyond the ditch & the piece by horse barn. I helped a little. Elmer went back this morn. This P.M. I went & notified witnesses to go to Dedham Tomorrow.

Tuesday 2

Cloudy but not much rain. After doing the chores, drove to Franklin & took the 7:20 A.M. train to Dedham to Court. F. Stockbridge rode to Franklin with me. Left horse at the stable. Came out on train to Franklin & F.S. & Allen Newell rode home with me. Got home about 6:30 P.M.


Ther. WEDNESDAY, MAY 3, 1893 Wea.
Stormy all day
Done my chores &
went to Franklin with
horse & took the 7 20 A.M.
train & went to Dedham
Court from there to
Boston at 10 & from
Boston at 4 40 Allen
Newell & Mrs Leasure came
from Franklin with
me Mrs Frost Elmer & Allen
Newell & I took dinner in
Bd

Ther. THURSDAY 14 Wea.
A very heavy rain
storm last night &
most of the day
Chilly & cold About
home all day choring
about helped Mike
Naughton put his
goods in the cars
&c &c

Ther. FRIDAY, MAY 5, 1893 Wea.
Cool Stormy part
the day Pleasant
some the time Chored
about Went & see
Allen Newell & Mrs Cotter
left Wheel to fix &
see lot of _?_ Bt
home load of lumber
from saw mill &c &c
Frank Young worked
for me 7½ hs on Asparagus
beg & beetled manure from
old barn I went up to
Hermons this eve

Ther. SATURDAY 6 Wea.
Very Pleasant part the
day Showery P.M. Cold
Chored about put up
some 2 conductors at Cottage
Cut a little wood &c &c
F. Young helped me
plow 1 hour front of
the bees &c &c

Wednesday, May 3m 1893

Stormy all day. Done my chores & went to Franklin with horse & took the 7:20 A.M. train & went to Dedham Court, from there to Boston at 10 & from Boston at 4:40. Allen Newell & Mrs. Leasure came from Franklin with me. Mrs. Frost, Elmer & Allen Newell & I took dinner in Boston.

Thursday 14

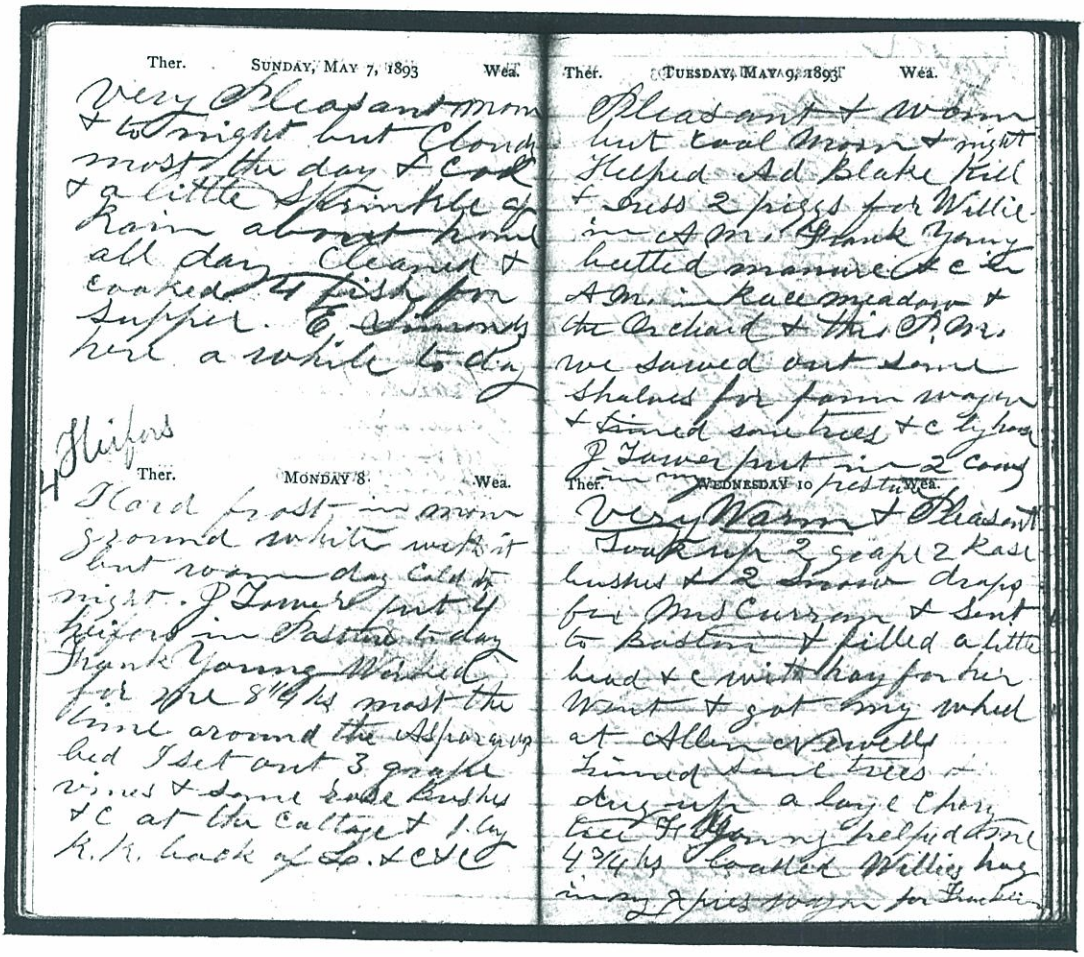
A very heavy rain storm last night & most of the day. Chilly & cold. About home all day choring about. Helped Mike Naughton put his good in the cars & c & c.

Friday, May 5, 1893

Cool, stormy part the day. Pleasant some the time. Chored about. Went & see Allen Newell & Mrs. Cotter. Left wheel to fix & see lot of _?_ Bt home load of lumber from saw mill & c & c. Frank Young worked for me 7 ½ hs on Asparagris. _?_ & beetled manure at old barn. I went up to Hermons this eve.

Saturday 6

Very pleasant part the day. Showery P.M. Cold. Chored about. Put up some (2) conductors at cottage. Cut a little wood & c & c. F. Young helped me plow 1 hour front of the bees & c. & c.



Sunday, May 7, 1893

Very pleasant morn & to night but cloudy most the day & cool & a little sprinkle of rain. About home all day. Cleaned & cooked 4 fish for supper. E. Simonds here a while to day.

Monday 8

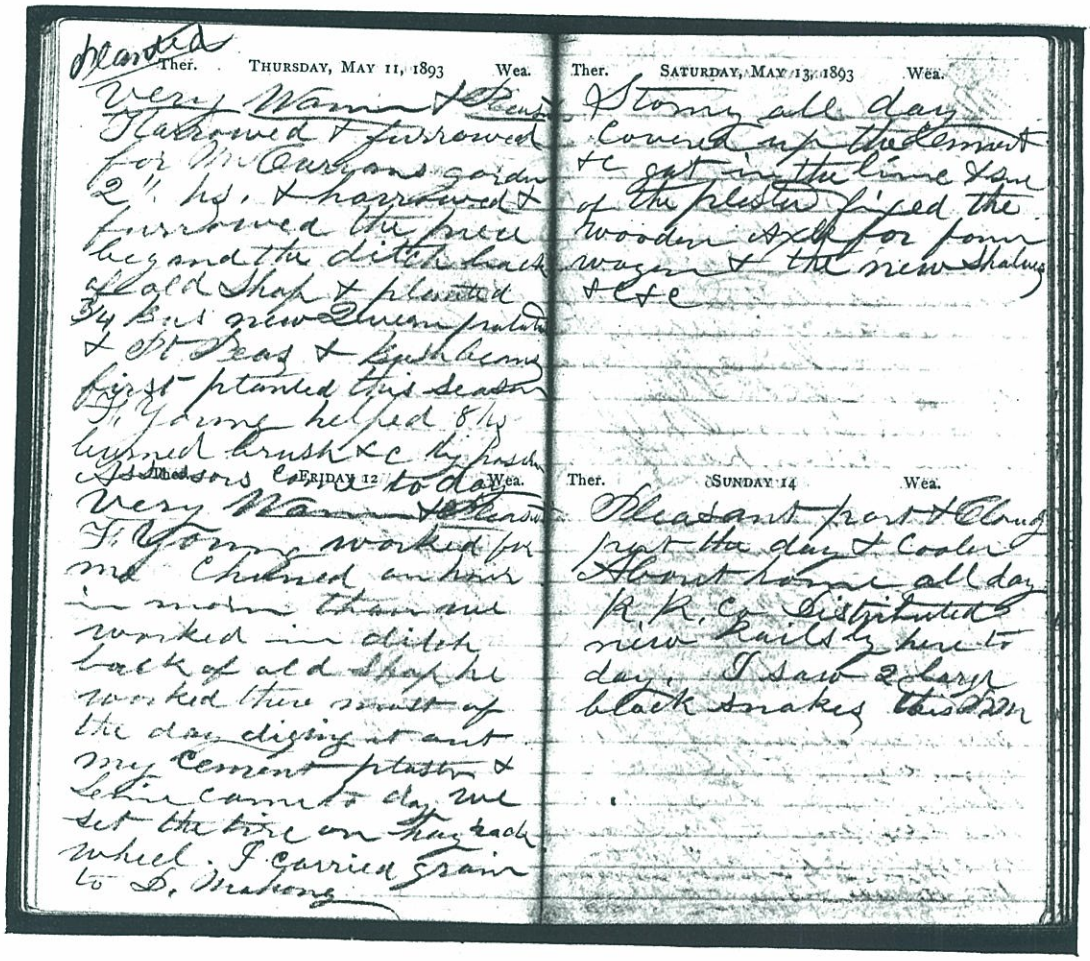
4 Heifers
Hard frost in morn, ground whit with it but warm day, cold to night. J. Turner put 4 heifers in Pasture today. Frank Young worked for me 8 ¼ hs, most the time around the asparagris bed. I set out 3 grape vines & some rose bushes & c at the cottage & 1 by R.R. back of L. & c & c.

Tuesday, May 9, 1893

Pleasant & warm but cool morn & night. Helped A. Blake kill & dress 2 piggs for Willie in A.M. Frank Young beetled manure & c in A.M. in race meadow & the orchard & this P.M. we sawed out some shelves for farm wagon & trimed some trees & c by house. J. Tower put in 2 cows in my pasture.

Wednesday 10

Very warm & pleasant. Took up 2 grape, 2 rose bushes & 2 snow drops for Mrs. Curran & sent to Boston & filled a little _?_ & c with hay for her. Went & got my wheel at Allen Newell. Trimmed some trees. Dug up a large cherry tree. F. Young helped me 4 ¾ hs. Loaded Willies hog in my express wagon for Franklin.


Planted
Ther. THURSDAY, MAY 11, 1893 Wea.
Very Warm & Pleas.
Harrowed & furrowed
for Mr Currans garden
2½ hs. & harrowed &
furrowed the piece
beyond the ditch back
of old Shop & planed
¾ bus new Queen potatoes
& Pt Peas & Bush beans
first planted this season
F. Young helped 8 hs
burned brush &c. The house
assessors came to day
Ther. FRIDAY 12 Wea.
Very Warm & Pleas.
F. Young worked for
me Churned an hour
in morn than we
worked in ditch
back of old Shop he
worked there most of
the day digging it out
my Cement plaster &
lime came to day we
set the tire on ray rack
wheel. I carried grain
to D. Mahoney
Ther. SATURDAY, MAY 13, 1893 Wea.
Stormy all day
Covered up the cement
&c got in the lime & some
of the plaster fixed the
wooden axle for our
wagon & the new shalves
& c & c
Ther. SUNDAY 14 Wea.
Pleasant part & Cloudy
part the day & Cooler
About home all day
R. R. Co Distributed
new Rails by here to
day. I saw 2 large
black snakes this P.M.

Thursday, May 11, 1893

Planted

Very Warm & Pleasant. Harrowed& furrowed for Mr. Currans garden 2 ½ hs & harrowed & furrowed the piece beyond the ditch back of old shop & planed ¾ bus. new

Queens potatoes & _?_ peas & bush beans. First planted this season. F. Young helped 8 hrs. Burned brush & c. The house assessors came today.

Friday 12

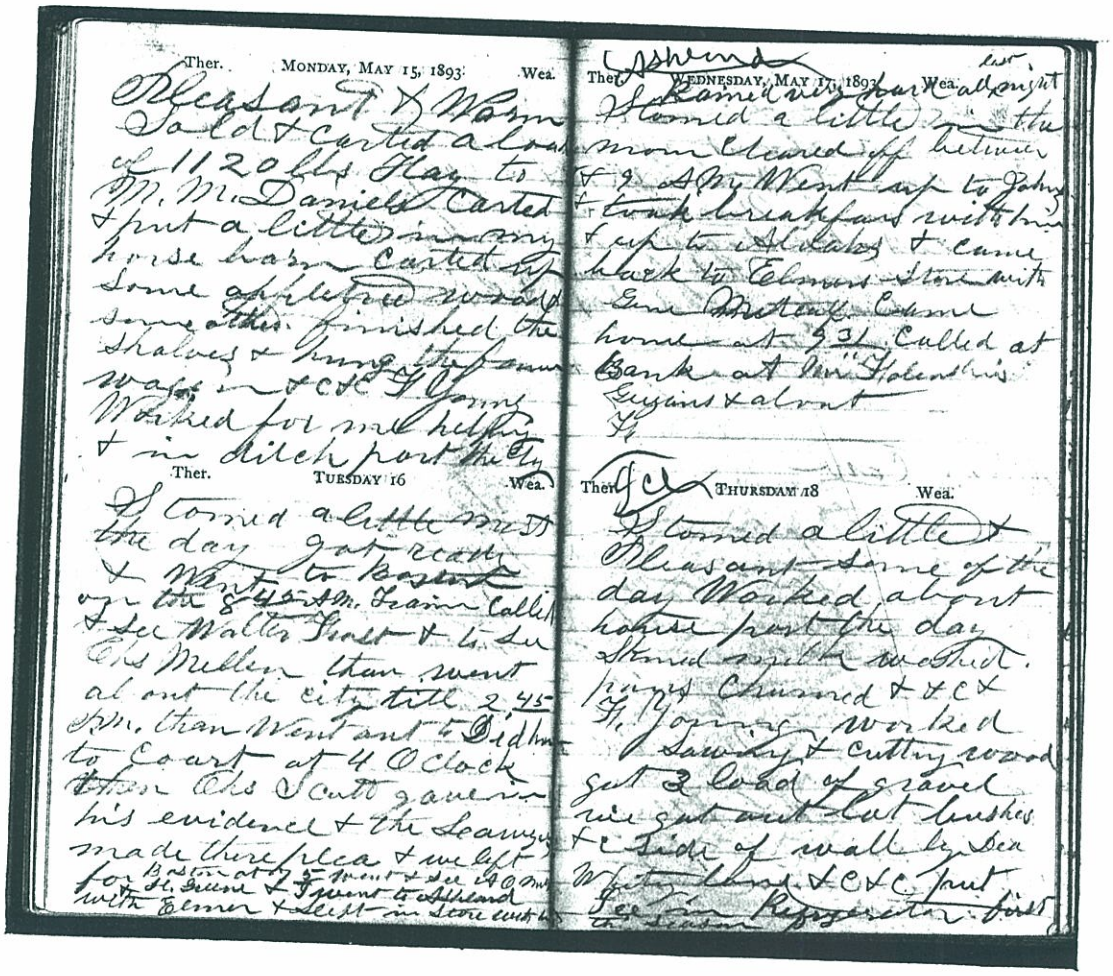
Very warm & pleasant. F. Young worked for me. Churned an hour in morn, than we worked in ditch back of old shop. He worked there most o the day digging it out. My cement plaster & lime came to day. We set the tire on ray rack which I carried grain to D. Mahoney.

Saturday, May 13, 1893

Stormy all day. Covered up the cement 7 c, got in the lime & some of the plaster. Fixed the wooden axle for our wagon & the new shalves & c & c.

Sunday 14

Pleasant part & cloudy part the day & cooler. About home all day. R.R. Co. distributed new rails by here to day. **I saw 2 large black snakes this P.M.**



Monday, May 15, 1893

Pleasant & warm. Sold & carted a load of 1120 lbs hay to M. M. Daniels. Carted & put a little in my horse barn. Carted up some apple tree wood & some other. Finished the shalves & hung them in wagon & c & c. F. Young worked for me helping & in ditch part the day.

Tuesday 16

Stormed a little most the day. Got ready & went to Boston on the 8:45 A.M. train. Called & see Walter Frost & to see Chs Miller. Than went about the city till 2:45 P.M., than went out to Dedham to Court at 4 O'clock, then Chs Scott gave in his evidence & the Lawyer made there plea & we left for Boston at 5. Went & see A. O. Miller & H. Greene & I went to Ashland with Elmer & slept in store with him.

Wednesday, May 17, 1893

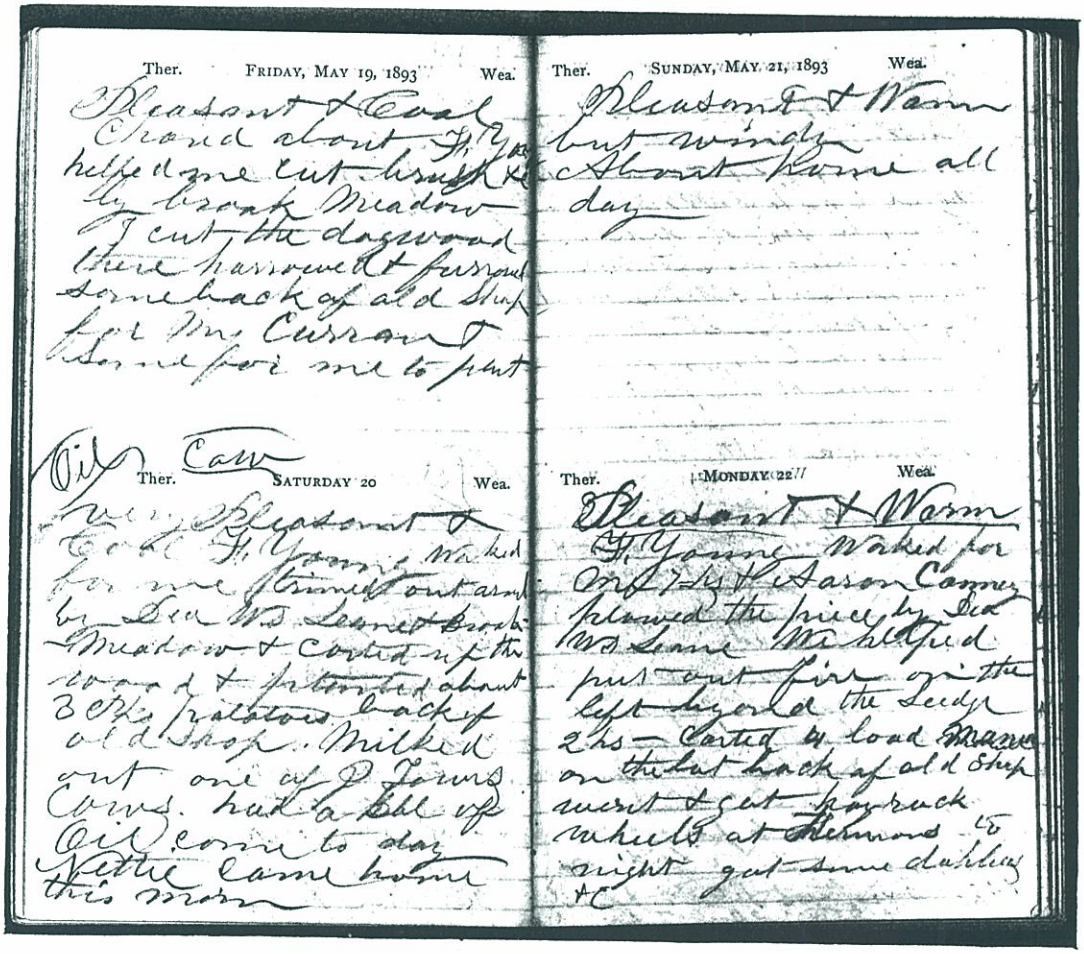
Ashland

Rained very hard all last night. Stormed a little in the morn, cleared off between 8 & 9A.M. Went up to Johns & took breakfast with him & up to Alvahs & came back to Elmers store with Gene Metcalf. Came home at 9:31 called at Bank, at Mrs. Folendries _?_ & about.

Thursday 18

Ice

Stormed a little & pleasant some of the day. Worked about house part the day. Skimed milk, washed pants, churned & c & c. F. Young worked sawing & cutting wood. Got 3 load of gravel. We got out lot bushes & c. side of wall by Dea. Whiting house & c & c. **Put ice in refrigerator first the season.**


Ther. FRIDAY, MAY 19, 1893 Wea.
Pleasant & Cool
Chored about F. Young
helped me cut brush &c
by brook Meadow
I cut the dogwood
there harrowed & furrowed
some back of old Shop
for Mrs Curran &
some for me to plant

Ther. SUNDAY, MAY 21, 1893 Wea.
Pleasant & Warm
but windy
About home all
day

Oil Cow
Ther. SATURDAY 20 Wea.
Very Pleasant &
Cool F. Young Worked
for me timed out around
by Dea W's Learned Brook
Meadow & Carted up the
wood & planted about
3 Pks Potatoes back of
old Shop. Milked
out one of J Towns
Cows. had a Bbl of
Oil come to day
Nettie came home
this morn

Ther. MONDAY 22 Wea.
Pleasant & Warm
F. Young Worked for
me 7 hs & Aaron Canney
plowed the piece by Dea
Ws home We helped
put out fire on the
left beyond the Ledge
2 hs - Carted 4 load Manure
on the lot back of old Shop
went & got hayrack
wheels at Hermons to
night got some dahlias
&c

Friday, May 19, 1893

Pleasant & cool. Chored about. F. Young helped me cut brush by brook meadow. I cut the dogwood there, harrowed & furrowed some back of old shop for Mrs. Curran & some for me to plant.

Saturday20

Oil Cow

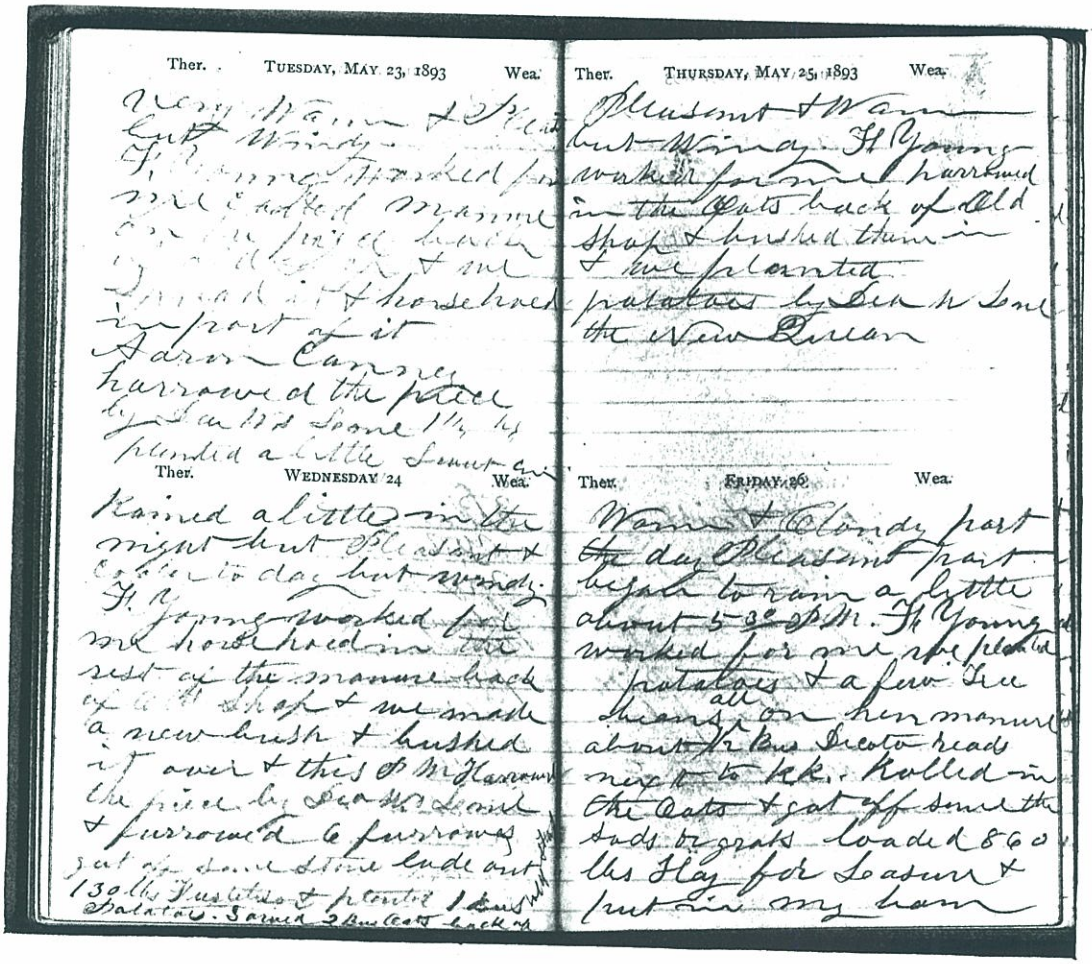
Very pleasant & cool. F. Young worked for me, timed out around by Dea. W's. _?_ Brook Meadow & carted up the wood & planted about 3 pks potatoes back of old shop. Milked out one of J. Towns Cows. Had a Bbl of oil come to day. Nettie came home this morn.

Sunday, May 21, 1893

Pleasant & warm but windy. About home all day.

Monday 22

Pleasant & warm. F. Young worked for me 7 hs & Aaron Canney plowed the piece by Dea. Ws. home. We helped put out fire on the left beyond the ledge 2 hs.- carted 4 load manure on the lot back of old shop. Went & got hayrack wheels at Hermons to night. Got some dahlias & c.



Tuesday, May 23, 1893

Very warm & pleasant, windy. F. Young worked for me, carted manure on the piece back of old shop & we spread it & horse hoed in part of it. Aaron Canney harrowed the piece by Dea. W's home 1 ½ hs. Planted a little _?_.

Wednesday 24

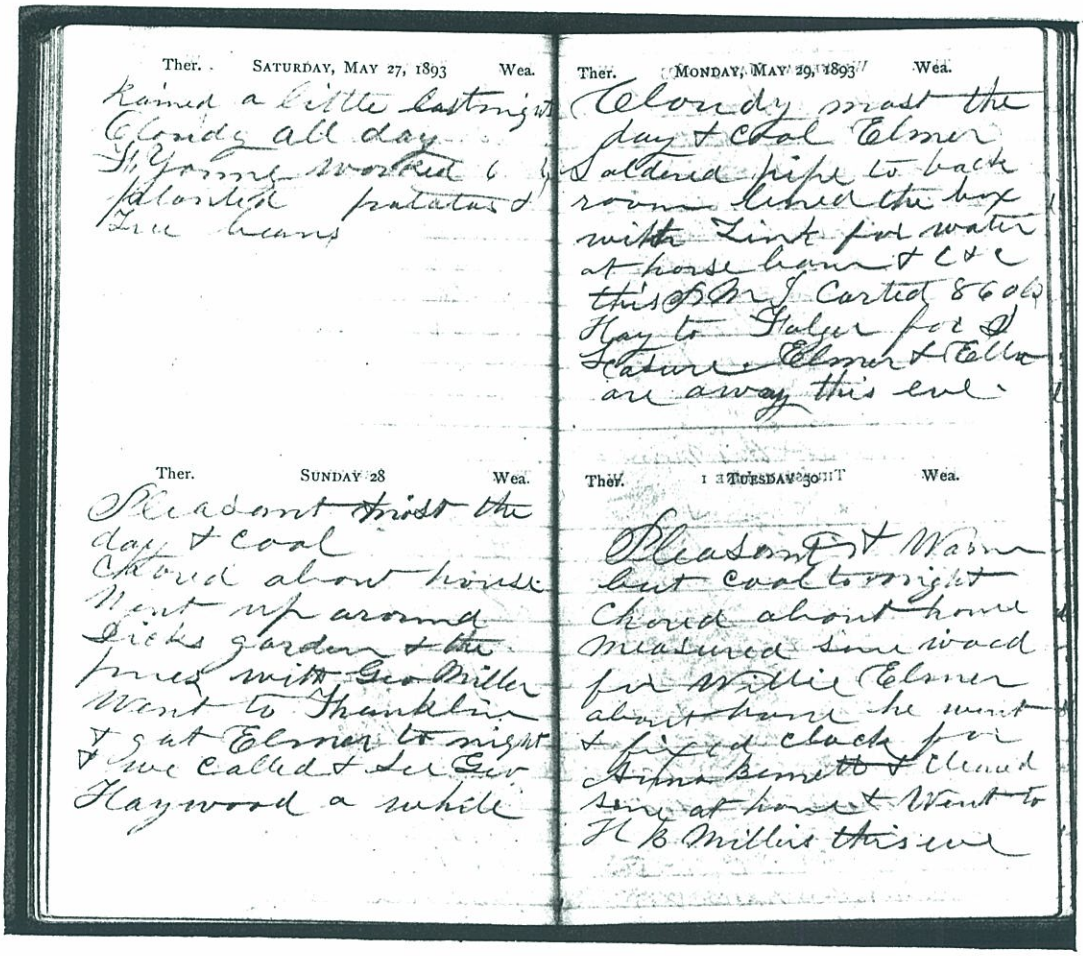
Rained a little in the night but pleasant & cooler today but windy. F. Young worked for me, horse hoes in the rest of the manure back of old shop & we made a new bush & bushed it over & this P.M., harrowed the piece by Dea. W. home & furrowed 6 furrows. Got off some stone. Load out 130 lbs furtilizor & planted 1 Bus potatoes. Sowed 2 bus. oats back of old shop.

Thursday, May 25, 1893

Pleasant & warm but windy. F. Young worked for me, harrowed in the oats back of old shop & bushed them in & we planted potatoes by Dea. W. _?_, the New Queen.

Friday 26

Warm & cloudy part the day, pleasant part. Began to rain a little about 5:30 P.M. F. Young worked for me, we planted potatoes & a few tree beans, all on hen manure, about ½ bus, Dicota Reads, next to R.R. Rolled in the oats & got off some the sods or grass. Loaded 860 lbs hay for Leasure & put in my barn.



Saturday, May 27, 1893

Rained a little last night. Cloudy all day. F. Young worked 6 hs. Planted potatoes & tree beans.

Sunday 28

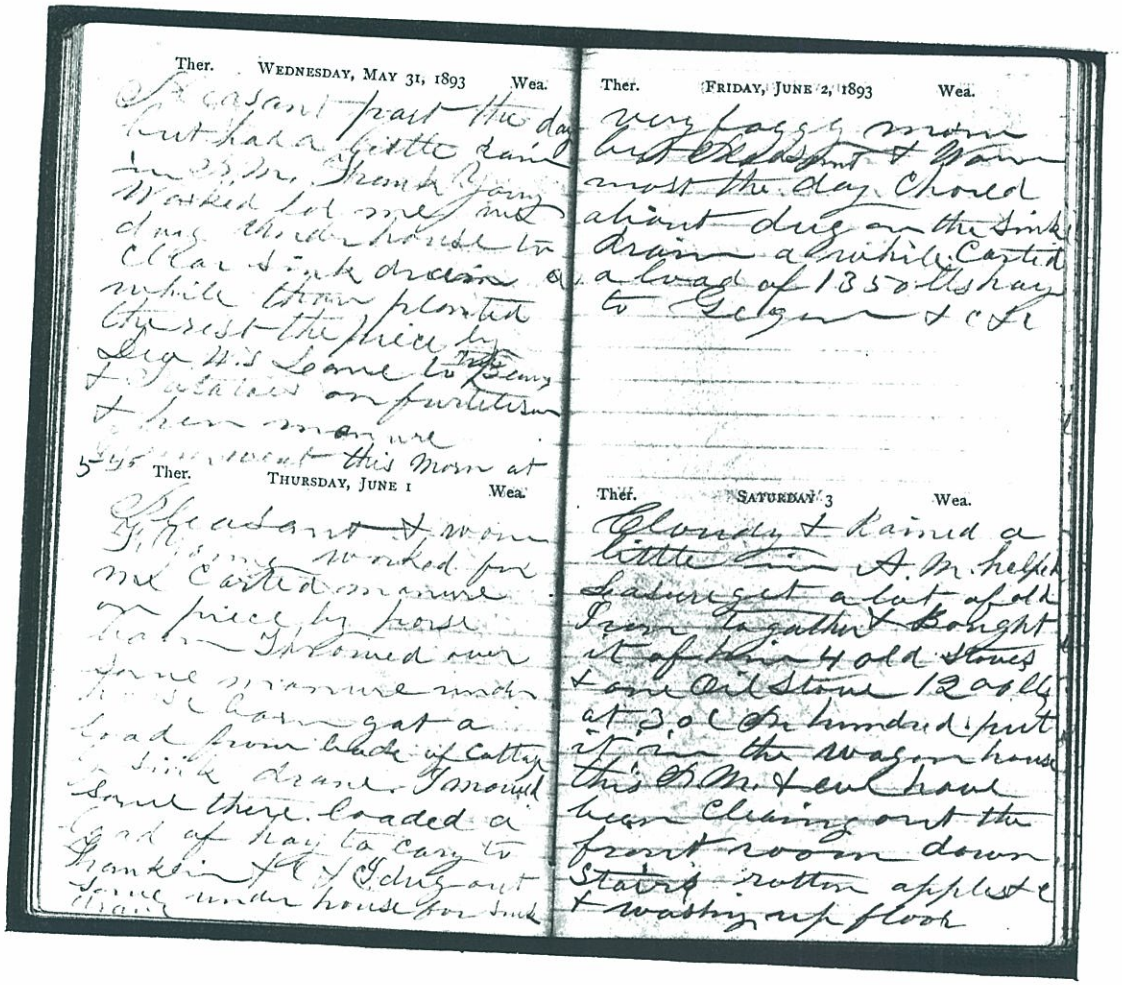
Pleasant most the day & cool. Chored about house. Went up around Dicks garden & the pines with Geo. Miller. Went to Franklin & got Elmer to night & we called & see Geo. Haywood a while.

Monday, May 29, 1893

Cloudy most the day & cool. Elmer soldered pipe to back room. Lined the box with zink for water at horse barn & c & c. This P.M., I carted 860 lbs hay to Falver for L. Leasure. Elmer & Ella are away this eve.

Tuesday 30

Pleasant & warm but cool to night. Chored about home. Measured some wood for Willie. Elmer about home, he went & fixed clock for Anna Bennett & cleaned some at home & went to H. B. Millers this eve.



Wednesday, May 31, 1893

Pleasant part the day but had a little rain in P.M. Frank Young worked for me some, dug under house to cellar sink drain a while, than planted the rest the piece by Dea. W.s Lane to Mrs. Bennetts & potatoes on furtilizer & hen manure. Elmer went this morn at 5:45.

Thursday, June 1

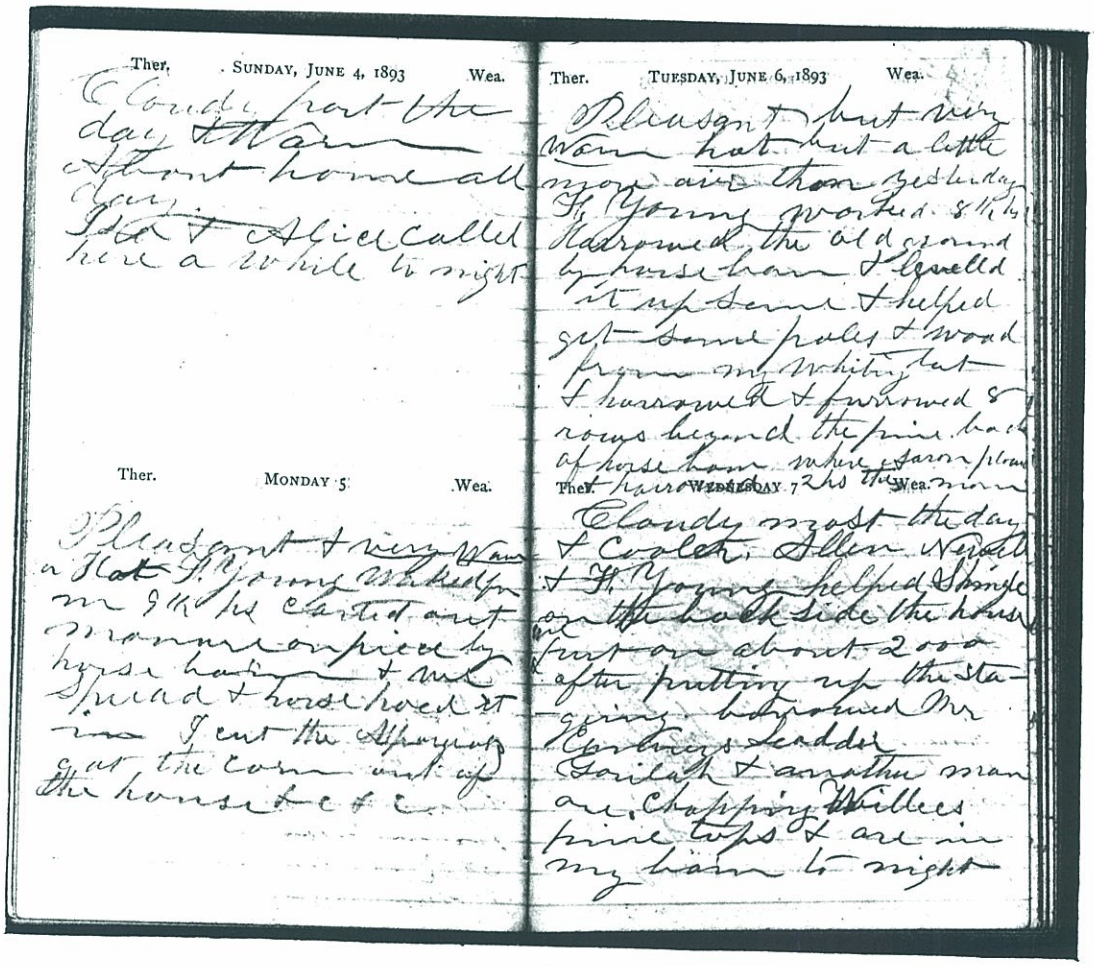
Pleasant & warm. F. Young worked for me, carted manure on piece by horse barn. Throwed over some manure under horse barn. Got a load from back of cottage by sink drain. I mowed some there. Loaded a load of hay to carry to Franklin & c. I dug out some under house for sink drain.

Friday, June 2, 1893

Very foggy morn but pleasant & warm most the day. Chored about. Dug on the sink drain a while. Carted a load of 1350 lbs hay to _?_ & c & c.

Saturday 3

Cloudy & rained a little in A.M. helped Leasure get a lot of old Iron together & bought it of him 4 old stoves & one oil stove 1200 lbs at 30 per hundred. Put it in the wagon house this P.M. & we have been cleaning out the front room down stairs rotten apples & c & washing up floor.



Ther. SUNDAY, JUNE 4, 1893 Wea.

Cloudy part the day & warm
About home all day
Isa & Alice called here a while to night

Ther. MONDAY 5 Wea.

Pleasant & very warm or hot F. Young worked for me 9½ hs carted out manure on piece by horse barn & we spread & horse hoed it in I cut the Asparagus got the corn out of the house & c & c

Ther. TUESDAY, JUNE 6, 1893 Wea.

Pleasant but very warm hot but a little more air than yesterday F. Young worked 8½ hs Harrowed the old ground by horse barn & leveled it up some & helped get some poles & wood from my Whiting lot & harrowed & furrowed 8 rows beyond the pine back of horse barn where Aaron plowed & harrowed 2 hs this morn

Ther. WEDNESDAY 7 Wea.

Cloudy most the day & cooler. Allen Newell & F. Young helped Shingle on the back side the house put on about 2000 after putting up the staggering borrowed Mr Canneys ladder Gould & another man are chopping Willies pine tops & are in my barn to night

Sunday, June 4, 1893

Cloudy part the day & warm. About home all day. Isa & Alice called here a while to night.

Monday 5

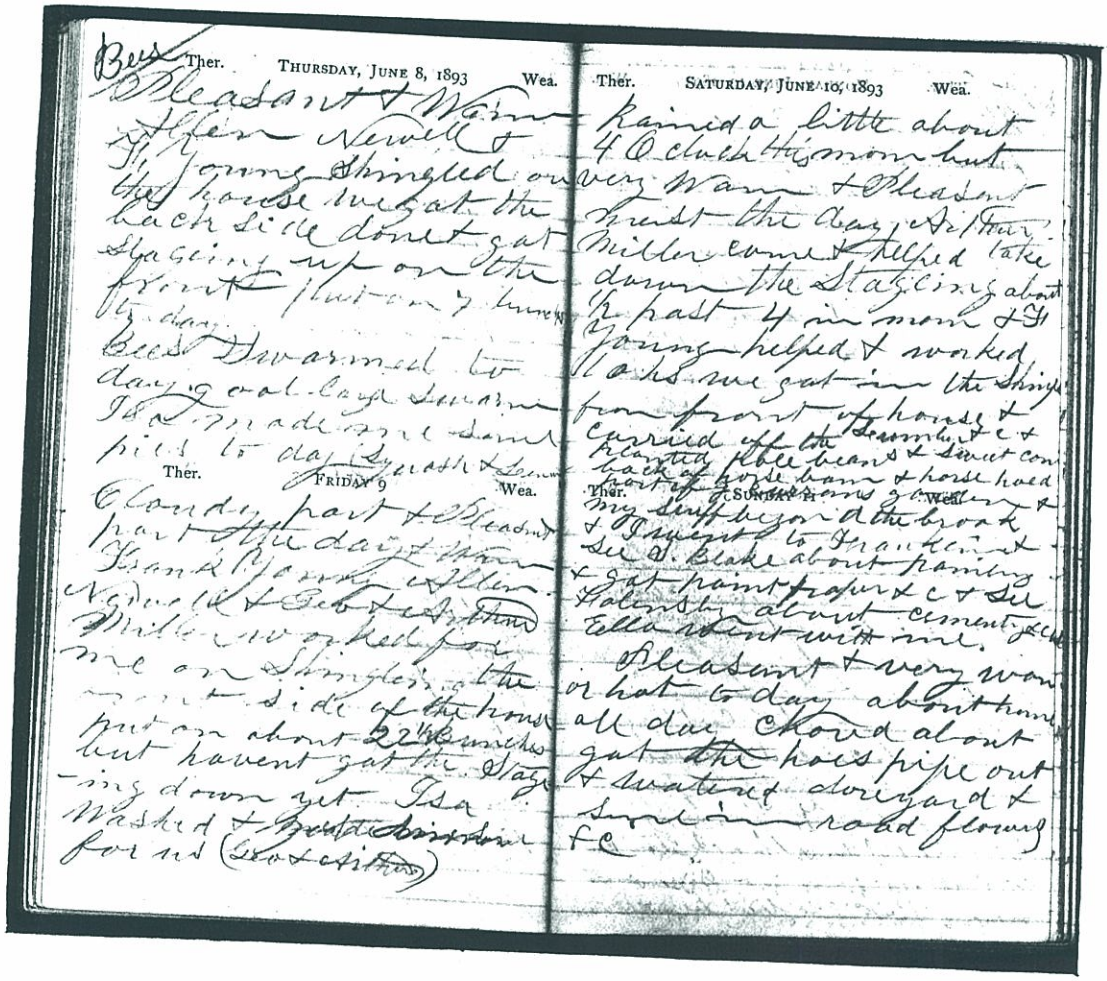
Pleasant &very warm or hot. F. Young worked for me 9 ½ hs, carted out manure on piece by horse harn & we spread & horse hoed it in. I cut the Asparagris, got the corn out of the house & c & c.

Tuesday, June 6, 1893

Pleasant but very warm, hot but a little more air than yesterday. F. Young worked 8 ½ hs. Harrowed the old ground by horse barn & leveled it up some & helped get some poles & wood from my Whiting lot & harrowed & furrowed 8 rows beyond the pine back of horse barn where Aaron plowed & harrowed 2 hs this morn.

Wednesday 7

Cloudy most the day & cooler. Allen Newell & F. Young helped shingle on the back side the house. Put on about 2000, after putting up the staggering. Borrowed Mr. Canneys ladder. Gould & another man are chopping Willies pine tops & are in my barn to night.



Thursday, June 8, 1893

Bees
Pleasant & warm. Allen Newell & F. Young shingled on the house . We got the back side done & got staging up on the front. Put on 7 bunches today.
Bees swarmed to day, good large swarm. Isa made me some pies to day (squash & _?_)

Friday 9

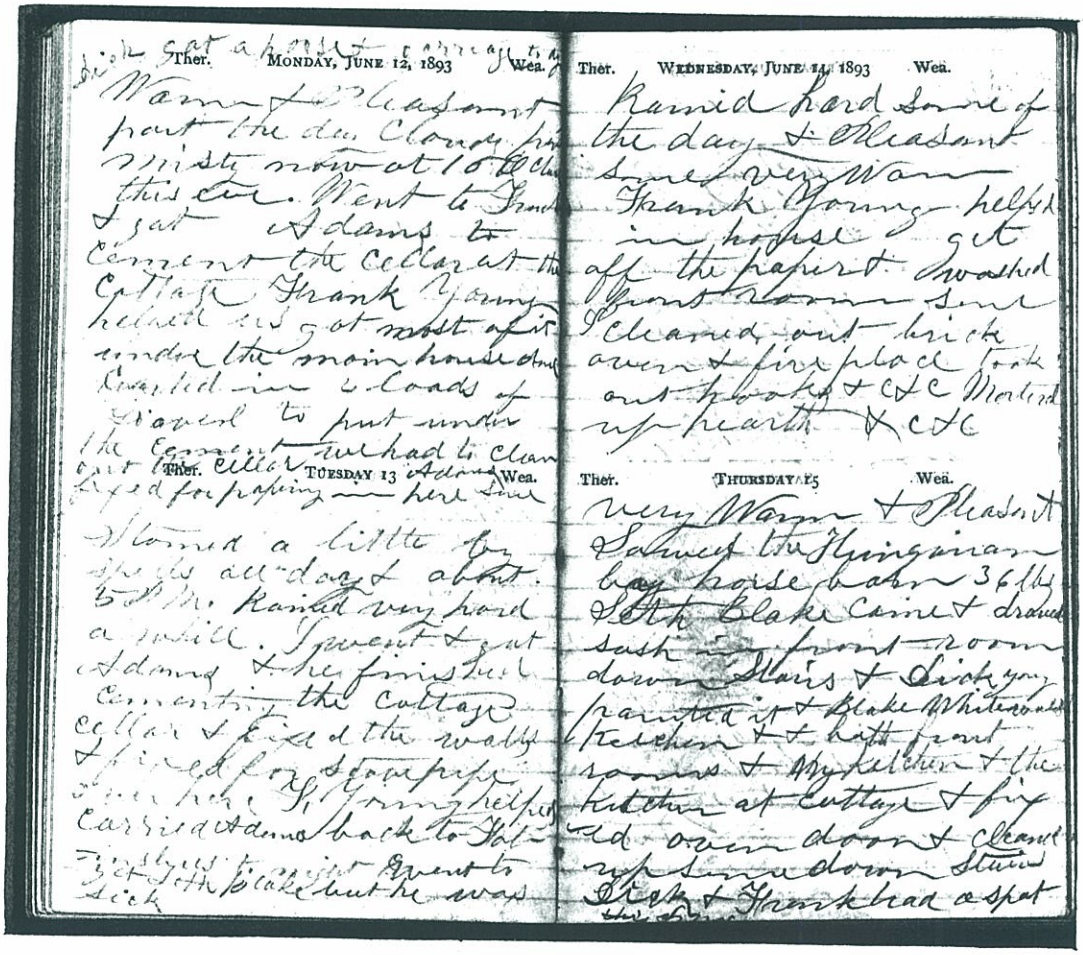
Cloudy part & pleasant part the day & warm. Frank Young, Allen Newell & Geo & Arthur Miller worked for me on Shingling the front side of the house. Put on about 22 ½ bunches but haven't got the staging down yet. Isa washed & got dinner for us (Geo & Arthur).

Saturday, June 10, 1893

Rained a little about 4 o'clock this morn but very warm & pleasant most the day. Arthur Miller came & helped take down the staging about ½ past 4 in morn & F. Young helped & worked 10 hs. We got in the shingles from front of house & carried off the lumber & c. Planted pole beans & sweet corn back of horse barn & horse hoed part of J. Currans garden & my stuff beyond the brook & I went to Franklin & see S. Blake about painting & got paint & _?_ & c. See Folinsky about cement. Ella went with me.

Sunday 11

Pleasant & very warm or hot to day. About home all day. Chored about. got the hose pipe out & watered dore yard & & _?_ in road flowing & c.



Monday, June 12, 1893

Dick got a horse & carriage to day

Warm & pleasant part the day, cloudy but misty now at 10 O'clock this eve. Went to Franklin & got Adams to cement the cellar at the cottage. Frank Young helped me. Got most of it under the main house done. Carted in 6 loads of gravel to put under the cement. We had to climb out the cellar. Adams fixed for papering in here some.

Tuesday 13

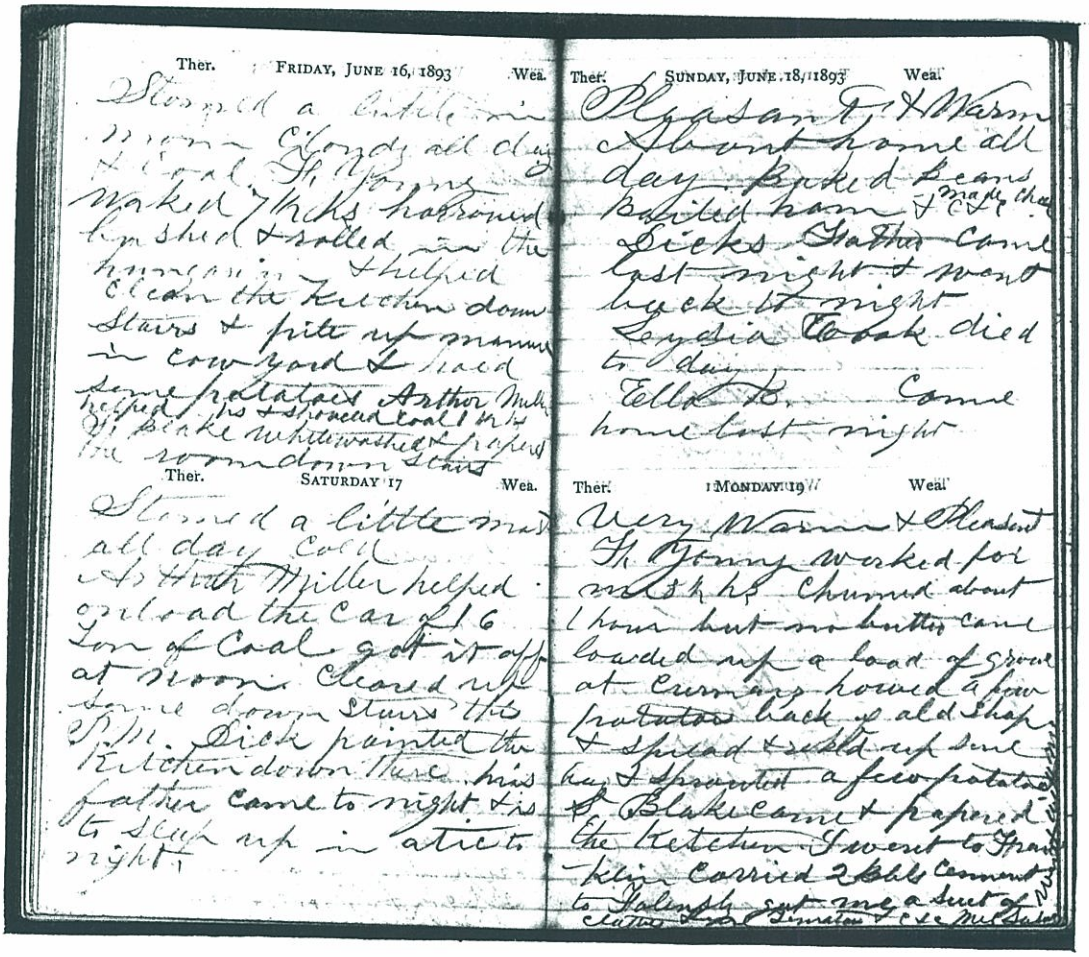
Stormed a little for spells all day & about 5 P.M. rained very hard a while. I went & got Adams & fixed the walls & fixed for stove pipe over here. F. Young helped. Carried Adams back to _?_ tonight. Went to get Seth Blake but he was sick.

Wednesday, June 14, 1893

Rained hard some of the day & pleasant some, very warm. Frank Young helped in house. Got off the paper & washed front room some. I cleaned out brick oven & fire place. Took out hooks & c & c. Mortared up hearth & c & c.

Thursday 15

Very warm & pleasant. sowed the Hungairan by horse barn, 36 lbs. Seth Blake came & _?_ sash in front room down stairs & Dick Young painted it. Blake whitewash kitchen & both front rooms & my kitchen & the kitchen at the cottage & fixed oven door & cleaned up some down stairs. **Dick & Frank had a spat this P.M.**



Friday, June 16, 1893

Stormed a little in morn, cloudy all day & cool. Frank Young worked 7 ½ hs. Harrowed , bushed & rolled in the hungarian & helped clean the kitchen down stairs & pile up manure in cow yard & hoed some potatoes. Arthur Miller helped & shoved coal 1 ½ hs. S. Blake whitewashed & papered the room down stairs.

Saturday 17

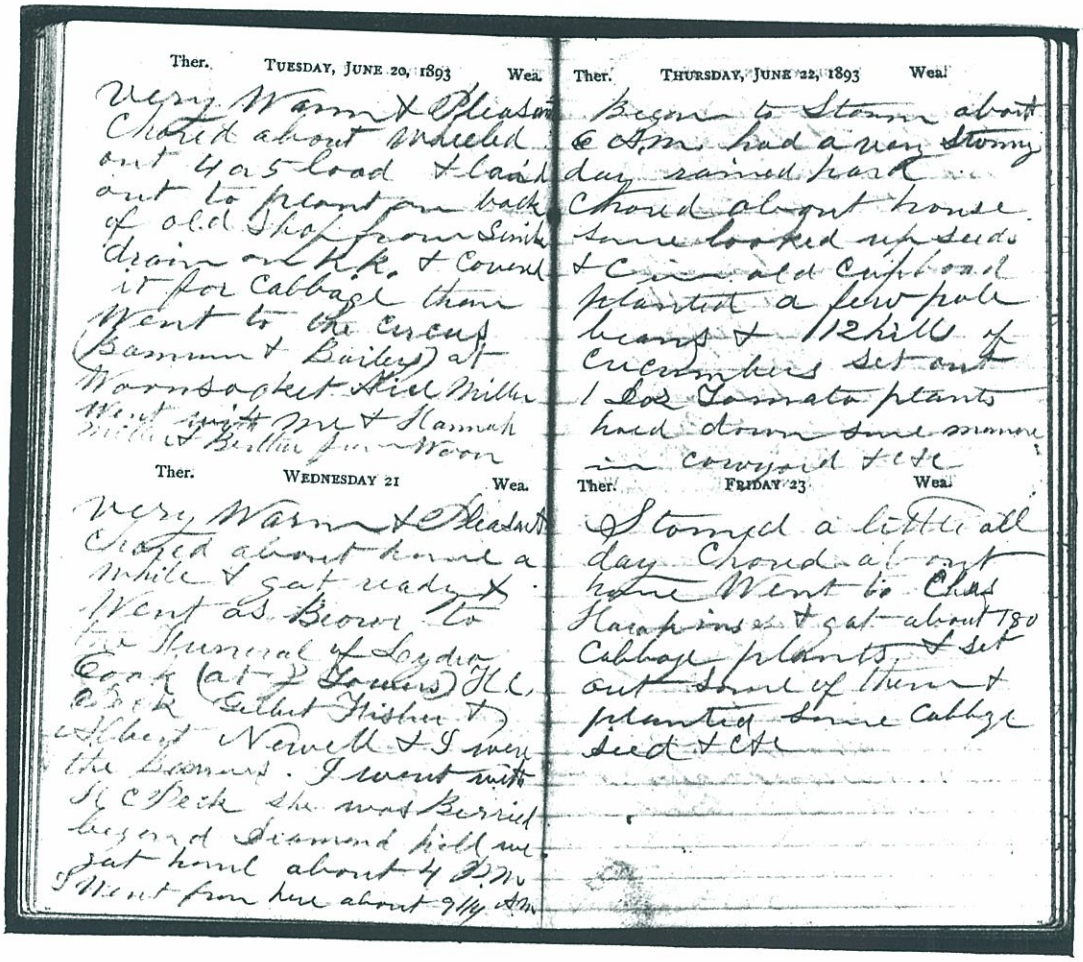
Stormed a little most all day, cold. Arthur Miller helped onload the car of 16 ton of coal. Got it off at noon. Cleared up some down stairs this P.M. Dick painted the kitchen down there, his father came tonight & is to sleep up in atic to night.

Sunday, June 18, 1893

Pleasant & warm. About home all day. Baked beans. Boiled ham & c & c. Made cheese. Dicks father came last night & went back to night. Lydia Cook died to day. Ella B. came home last night

Monday 19

Very warm & pleasant. F. Young worked for me 8 ½ hs. Churned about 1 hour but so butter came. Loaded up a load of gravel at Cannerys. Hoed a few potatoes back of old shop & spread & raked up some & hoed a few potatoes in back of old shop & spread & raked up some hay & sprouted a few potatoes. Blake came & papered the kitchen. I went to Franklin. Carried 2 bbls cement to Folinsky. Got me a suit of clothes & some tomatoes & c & c. Mrs. _?_ went with me.



Tuesday, June 20, 1893

Very warm & pleasant. Chored about. Wheeled out 4 or 5 load & laid out to plant in back of old shop from sink drain on R.R. & covered it for cabbage. **Then went to the circus (Barnum & Bailey) at Woonsocket**. Alice Mille went with me & Hannah Miller & brother from Woon.

Wednesday 21

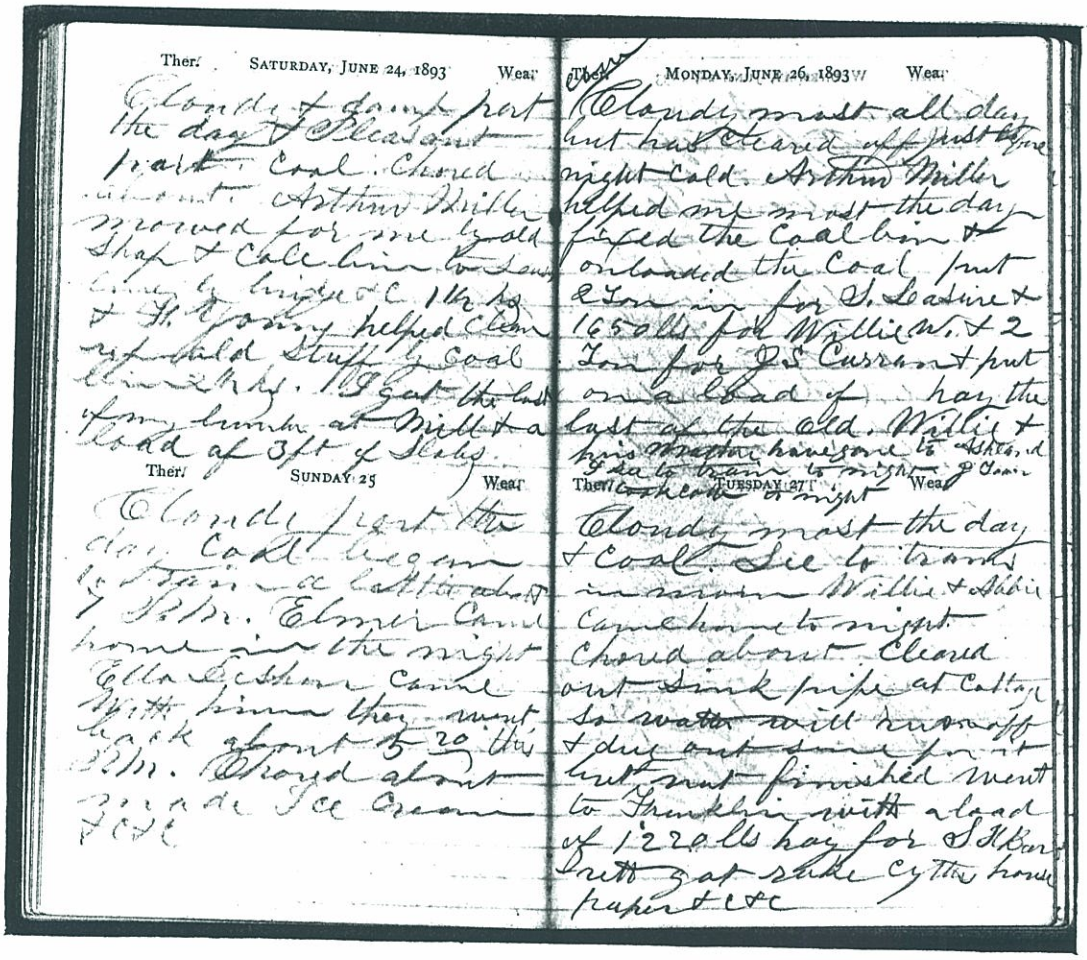
Very warm & pleasant, chored about home a while & got ready & went as bearer to the funeral of Lydia Cook (at J. Towers). H. C. Peck, Gilbert Fisher & Albert Newell & I were the bearers. I went with H. C. Peck. She was buried beyond Diamond Hill. We got home about 4 P.M. Went from here about 9 ¼ A.M.

Thursday, June 22, 1893

Began to storm about 6 A.M. Had a very stormy day, rained hard. Chored about house some, looked up seeds & c in old cupboard. Planted a few pole beans & 12 hill of cucumbers. Set out 1 doz. tomato plants. Hoed down some manure in cow yard & c & c.

Friday 13

Stormed a little all day. Chored about home. Went to Chas. Hawkins & got about 180 cabbage plants & set out some of them & planted some cabbage seed & c & c.



Saturday, June 24, 1893

Cloudy & damp part the day & pleasant part, cool. Chored about. Arthur Miller mowed for me by old shop & _?_ him to _?_ by bridge & c. 1 ½ hs & F. Young helped clean up old stuff by coal bin 2 ½ hs. I cut the last of my lumber at Mill & a load of 3 ft of slabs.

Sunday 25

Cloudy part the day, cool, began to rain a little about 7 P.M. Elmer came home in the night. Ella Dishan came with him. They went back about 5:20 this P.M. Chored about, made ice cream & c & c.

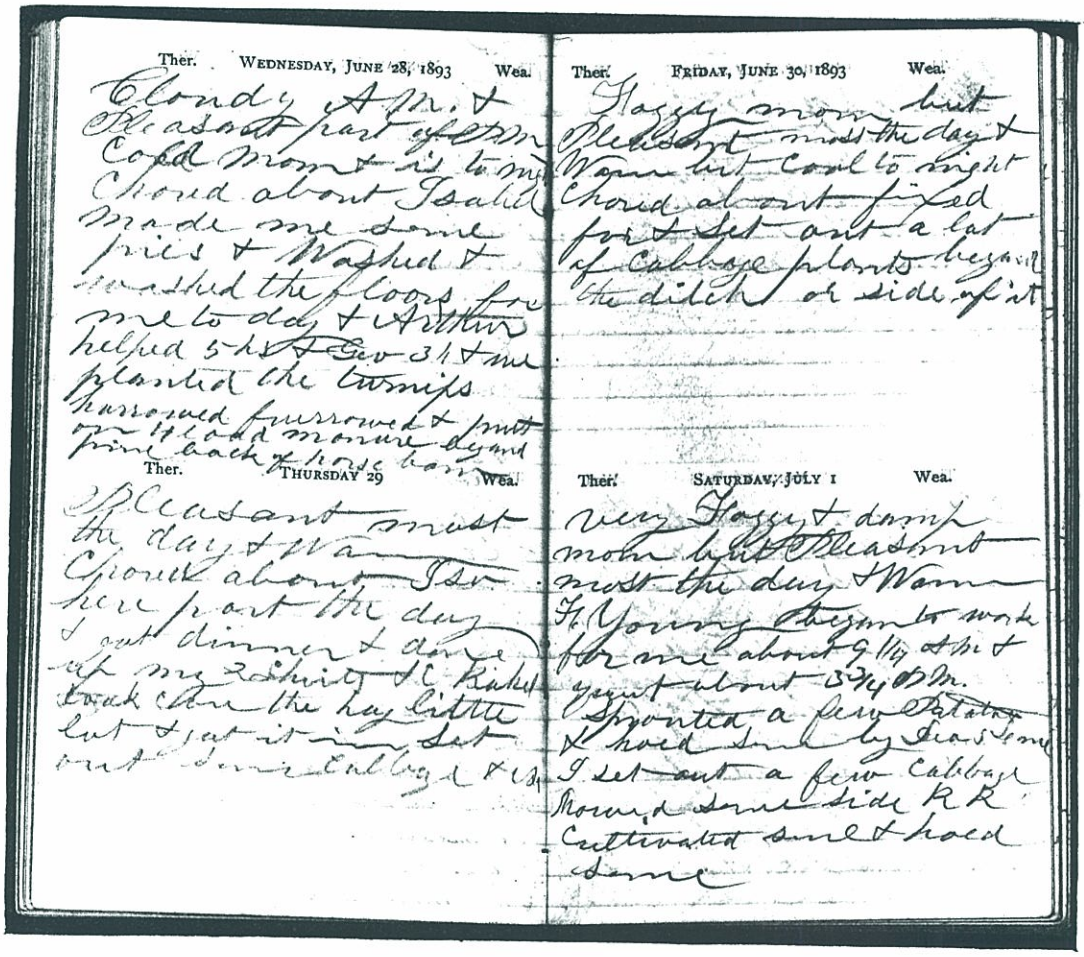
Monday, June 26, 1893

Cow

Cloudy most all day but has cleared off just before night, cold. Arthur Miller helped me most the day. Fixed the coal bin & on loaded the coal. Put 2 ton in for S. Leasure & 1650 lbs for Willie W. & 2 ton for J. S. Curran & put on a load of hay, the last of the old. Willie & _?_ mother have gone to Ashland. Isa to train to night. J. Tower took cow to night.

Tuesday 27

Cloudy most the day & cool. See to trains in morn. Willie & Abbie came home to night. Chored about. Cleared out sink pipe at cottage so water will run off & dug out some for it but not finished. Went to Franklin with a load of 1220 lbs hay for S. H. Barrett. Got rake, cythes, house paper & c & c.



Wednesday, June 28, 1893

Cloudy A.M. & Pleasant part of P.M. Cold morn & is to night. Chored about, Isabel made me some pies & washed & washed the floors for me to day & Arthur helped 5 hs & Geo. 3 ½ & we planted the turnips, harrowed, furrowed & put on 4 load manure beyond pine back of horse barn.

Thursday 29

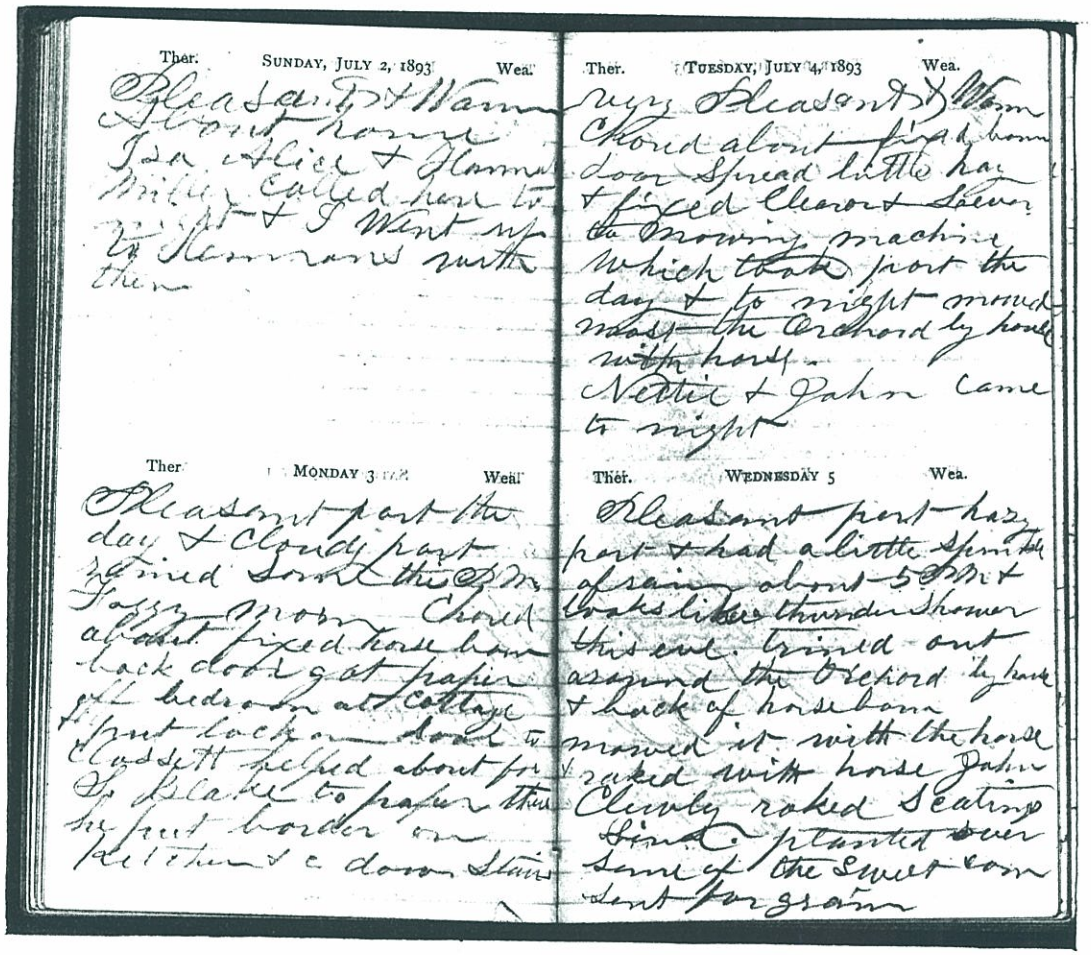
Pleasant most the day & warm. Chored about. Isa here part the day & got dinner & done up my 2 shirts & c. Raked, took care the hay little lot & got it in. Set out some cabbage & c.

Friday, June 30, 1893

Foggy morn but pleasant most the day & warm but cool to night. Chored about. Fixed for & set out a lot of cabbage plants beyond the ditch or side of it.

Saturday, July 1

Very foggy & damp morn but pleasant most the day & warm. F. Young began to work for me about 9 ¼ A.M. & again about 3 ¾ P.M. Sprouted a few potatoes & hoed some by Dea. W. Lane. I set out a few cabbage. Mowed some side R.R. Cultivated some & hoed some.



Ther. SUNDAY, JULY 2, 1893 Wea.

Pleasant & Warm
About home
Isa Alice & Hanna
Miller called here to
night & I went up
to Hermons with
them

Ther. TUESDAY, JULY 4, 1893 Wea.

very Pleasant & Warm
Chored about fixed barn
door Spread little hay
& fixed Clearor & levor
on Mowing machine
which took part the
day & to night mowed
most the Orchard by house
with horse.
Nettie & John came
to night

Ther. MONDAY 3 Weather

Pleasant part the
day & Cloudy part
rained some this P.M.
Foggy morn Chored
about fixed horse barn
back door got paper
off bedroom at cottage
put lock on door to
Clossett helped about for
S. Blake to paper there
he put border on
kitchen & c. down stairs

Ther. WEDNESDAY 5 Wea.

Pleasant part hazy
part & had a little sprinkle
of rain about 5 P.M &
looks like thunder shower
this eve. trimed out
around the Orchard by house
& back of horse barn
mowed it with the horse
& raked with horse John
Clewly raked Scating
_?_ planted over
some of the sweet corn
sent for grain

Sunday, July 2

Pleasant & warm. About home. Isa, Alice & Hanna Miller called here to night & I went up to Hermons with them.

Monday 3

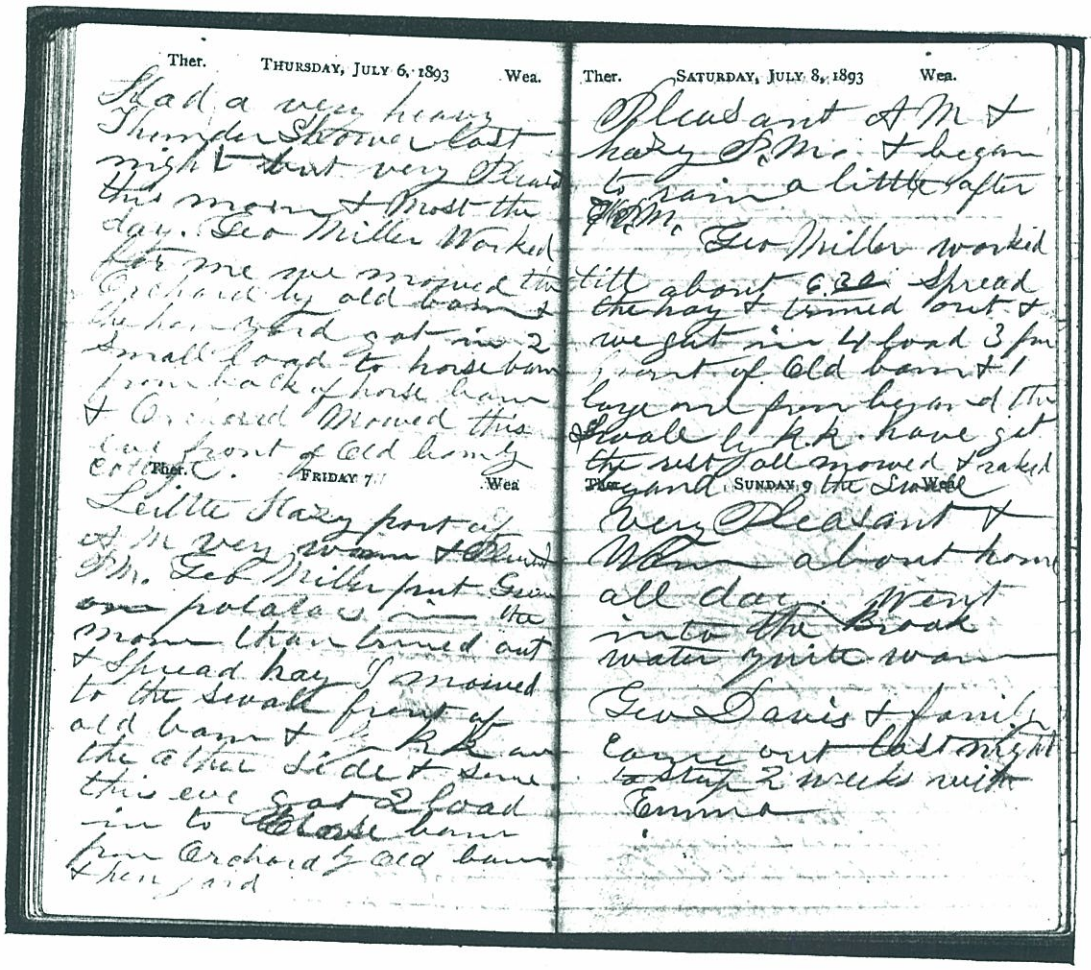
Pleasant part the day & cloudy part, rained some this P.M. Foggy morn. Chored about, fixed horse barn back door. Got paper off bedroom at cottage, put lock on door to clossett. Helped about for S. Blake to paper there. He put border on kitchen & c. down stairs.

Tuesday, July 4, 1893

Very pleasant & warm. Chored about. Fixed barn door. Spread little hay & fixed Clearor & levor on mowing machine, which took part the day & to night mowed most the orchard by house with horse.
Nettie & John came to night.

Wednesday 5

Pleasant part, hazy part & had a little sprinkle of rain about 5 P.M. & looks like thunder shower this eve. Trimmed out around the orchard by house & back of horse barn. Mowed it with the horse & rake with horse. John Clewly raked Scating _?_ Planted over some of the sweet corn. Sent for grain.



Thursday, July 6, 1893

Had a very heavy thunder shower last night but very pleasant this morn & most the day. Geo. Miller worked for me. We mowed the Orchard by old barn to the hen yard. Got in 2 small load to horse barn from back of horse barn & orchard. Mowed this eve front of Old barn & cottage.

Friday 7

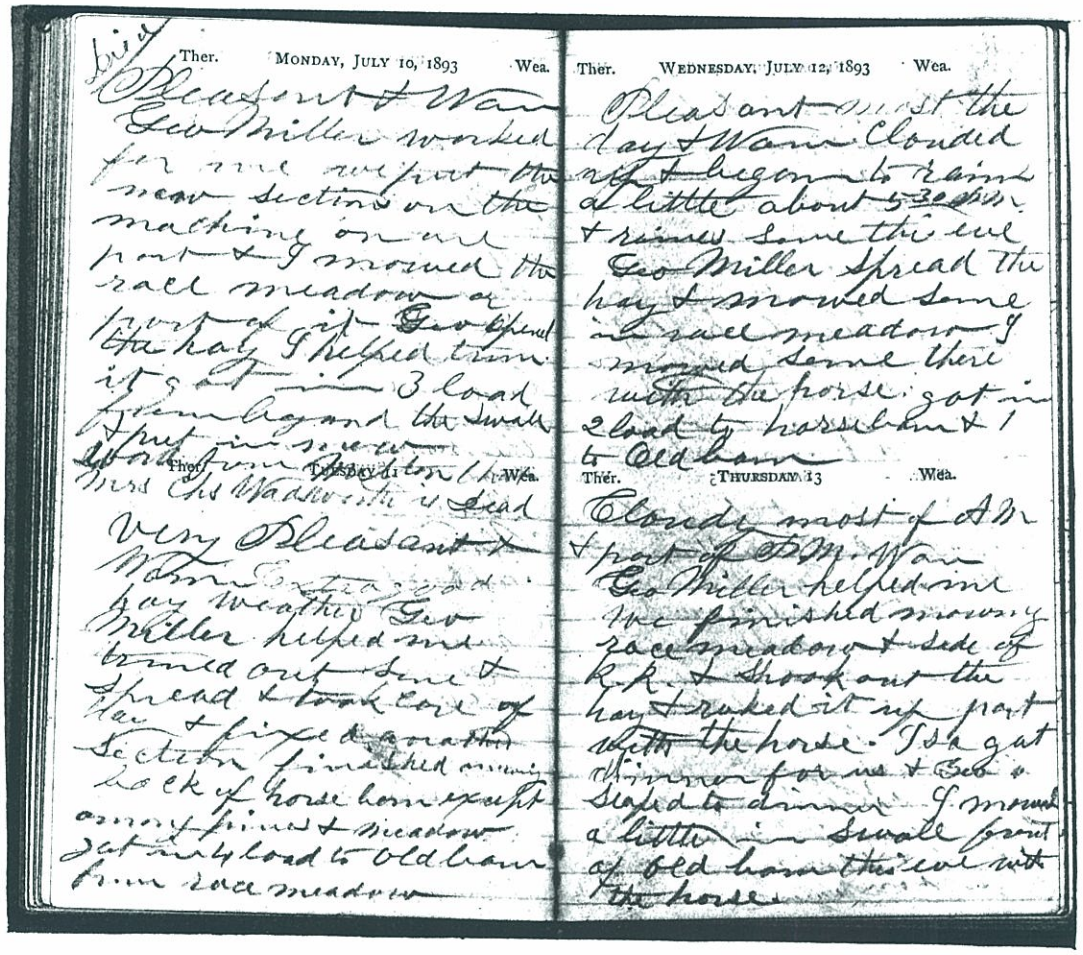
Little hazy part of A.M. , very warm & pleasant, P.M. Geo. Miller put _?_ on potatoes in the morn, than trimed out the spread hay. I mowed to the swale front of old barn & R. R. and the other side & some this eve. Got 2 load in to horse barn from orchard & old barn & hen yard.

Saturday July 8, 1893

Pleasant A.M. & hazy P.M. & began to rain a little after P.M. Geo Miller worked till about 6:30. Spread the hay trimmed out & we got in 4 load, 3 from front of old barn & 1 large one from beyond the swale by R.R. Have got the rest all mowed & raked beyond the swale.

Sunday 9

Very pleasant & warm. About home all day. Went into the brook water. quite warm.
Geo. Davis & family came out last night to stay 2 weeks with Emma.



Monday, July 10, 1893

Died

Pleasant & Warm. Geo. Miller worked for me. We put the new sections on the machine on our part & I mowed the race meadow or part of it. Geo. spread the hay. I helped trim it, got in 3 load from beyond the swale & put in _?_. Word from Milton that Mrs. Chs. Wadsworth is dead.

Tuesday 11

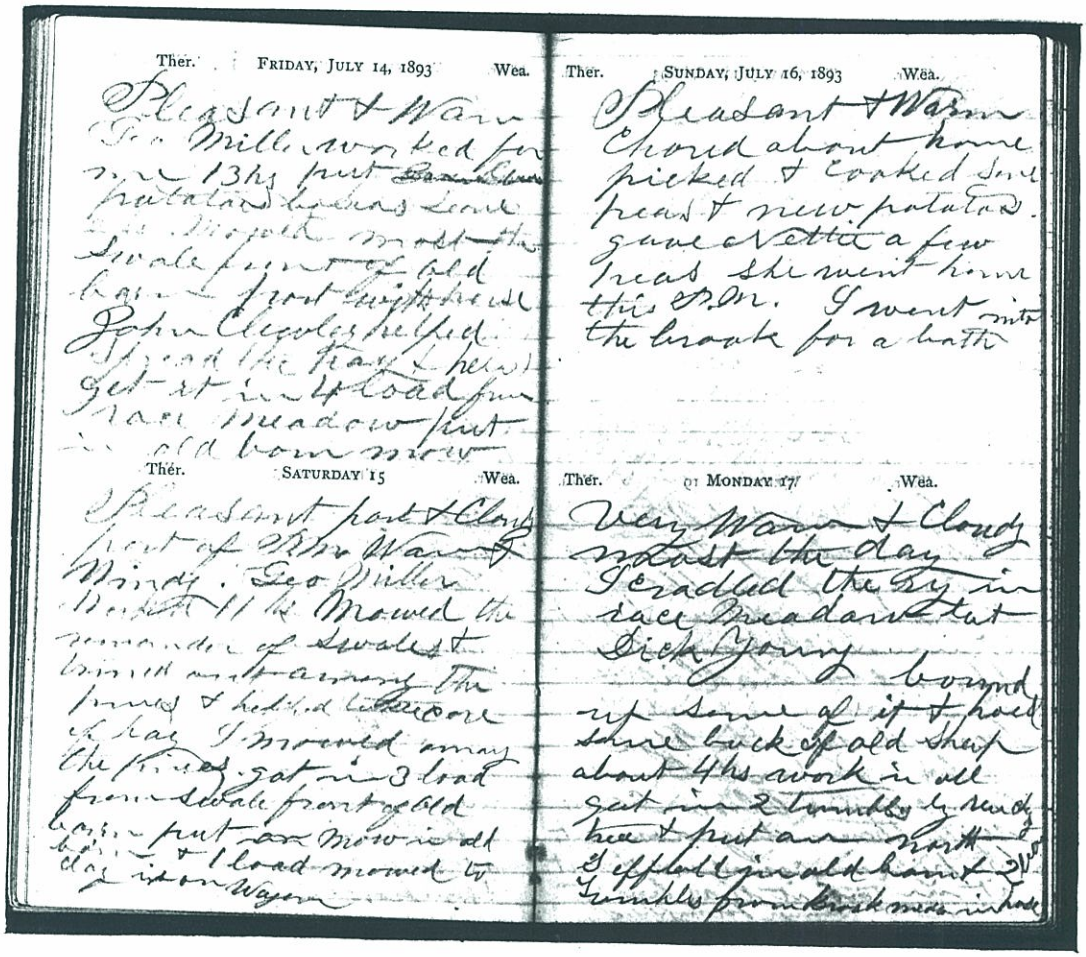
Very pleasant & warm. Extra good hay weather. Geo. Miller helped me. Trimmed out some & spread & took care of hay & fix another section. Finished mowing back of horse barn except among pines & meadow. Got my 4 load to old barn from race meadow.

Wednesday, July 12, 1893

Pleasant most the day & warm. Clouded up & began to rain a little about 5:30 P.M. & rains some this eve. Geo. Miller spread the hay & mowed some in race meadow. I mowed some there with the horse. Got in 2 load to horse barn & 1 to old barn.

Thursday 13

Cloudy most of A.M. & part of P.M. Warm. Geo. Miller helped me. We finished mowing race meadow & side of R.R. & shook out the hay & raked it up, part with the horse. Isa got dinner for us & Geo. stayed to dinner. I mowed a little in swale front of old barn this eve with the horse.



Friday, July 14, 1893

Pleasant & warm. Geo Miller worked for me 13hs put _?_ potatoes by Dea W. Lane 2 hs. Mowed most the swale front of old barn, part with horse. John Clewley helped spread the hay & helped get it in, 4 loads from race meadow, put in old barn _?_.

Saturday 15

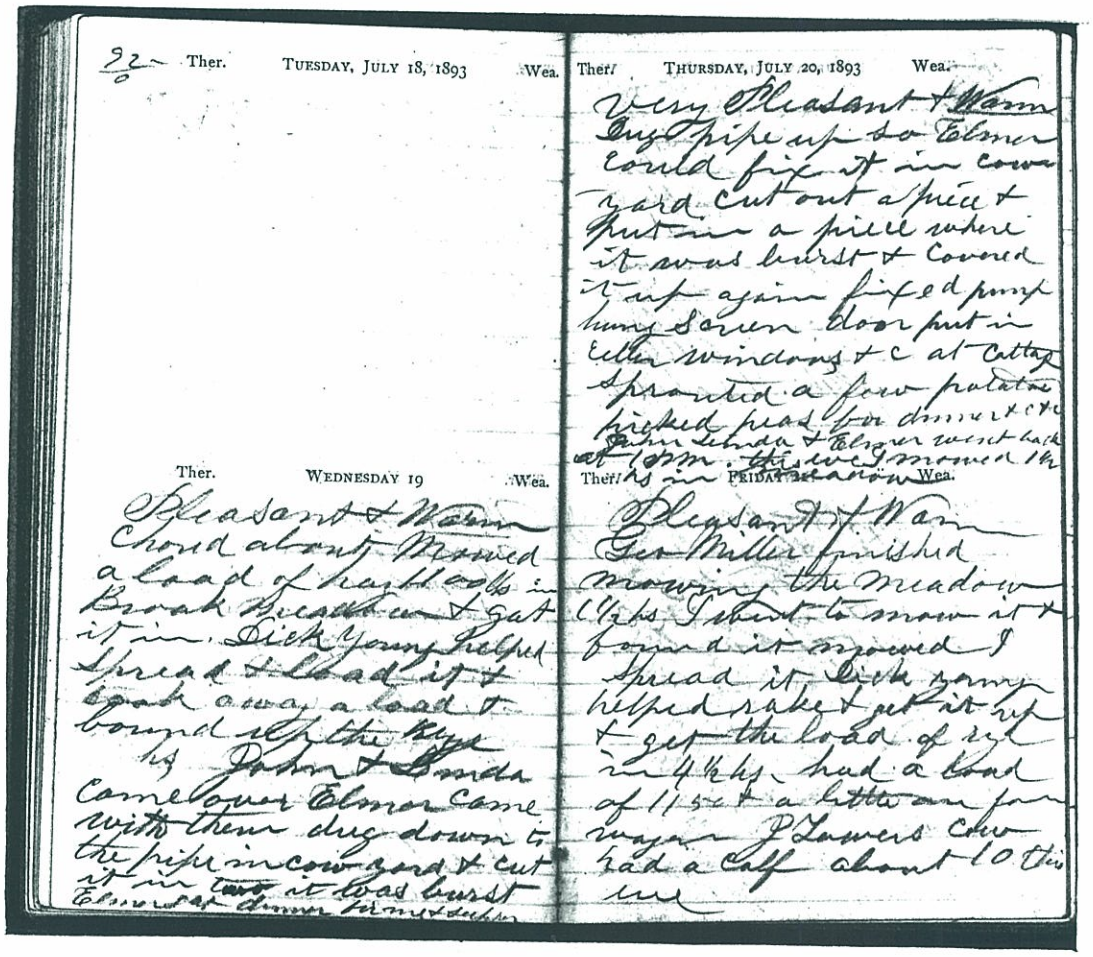
Pleasant part & clough part of P.M. Warm, windy. Geo Miller worked 11 hs. Mowed the remainder of swales & trimed out among the pines & got in 3 load from swale front of old barn. Put on _?_ in old barn & load mowed to day is on Wagon.

Sunday, July 16, 1893

Pleasant & warm. Chored about home. Picked & cooked some peas & new potatoes. Gave Nettie a few peas. She went home this P.M. **I went into the brook for a bath**.

Monday 17

Very warm & cloudy most the day. I cradled the rye in race meadow _?_. Dick Young bound up some of it & hoed some back of old shop about 4 hs work in all. Got in 2 tumbles _?_ ready here & put on north scaffold in old barn & tumbles from race meadow in horse barn.


92/0 Ther. TUESDAY, JULY 18, 1893 Wea.

Ther. WEDNESDAY 19 Wea.

Pleasant & Warm
Chored about Mowed
a load of hay 1100 lbs in
Brook Meadow & got
it in. Dick Young helped
Spread & load it &
bound up the Rye
John & Linda
Came over Elmer Came
with them dug down to
the pipe in cow yard & cut
it in two it was burst
Elmer got dinner for me & supper

Ther. THURSDAY, JULY 20, 1893 Wea.

Very Pleasant & Warm
Dug pipe up so Elmer
could fix it in cow
yard. Cut out a piece &
put in a piece where
it was burst & covered
it up again fixed pump
hung Screen door put in
cellar windows & c at Cottage
Sprouted a few potatoes
picked peas for dinner & c &
John Linda & Elmer went back
at 1 P.M. this eve I mowed 1½
hs in meadow

Ther. FRIDAY 21 Wea.

Pleasant & Warm
Geo Miller finished
mowing the meadow
1½ hs I went to mow it &
found it mowed I
Spread it Dick Young
helped rake & get it up
& get the load of rye
in 4½ hs had a load
of 1150 & a little on for
wagon J Towers Cow
had a Calf about 10 this
eve

Tuesday, July 18, 1893

92/0

Wednesday, 19

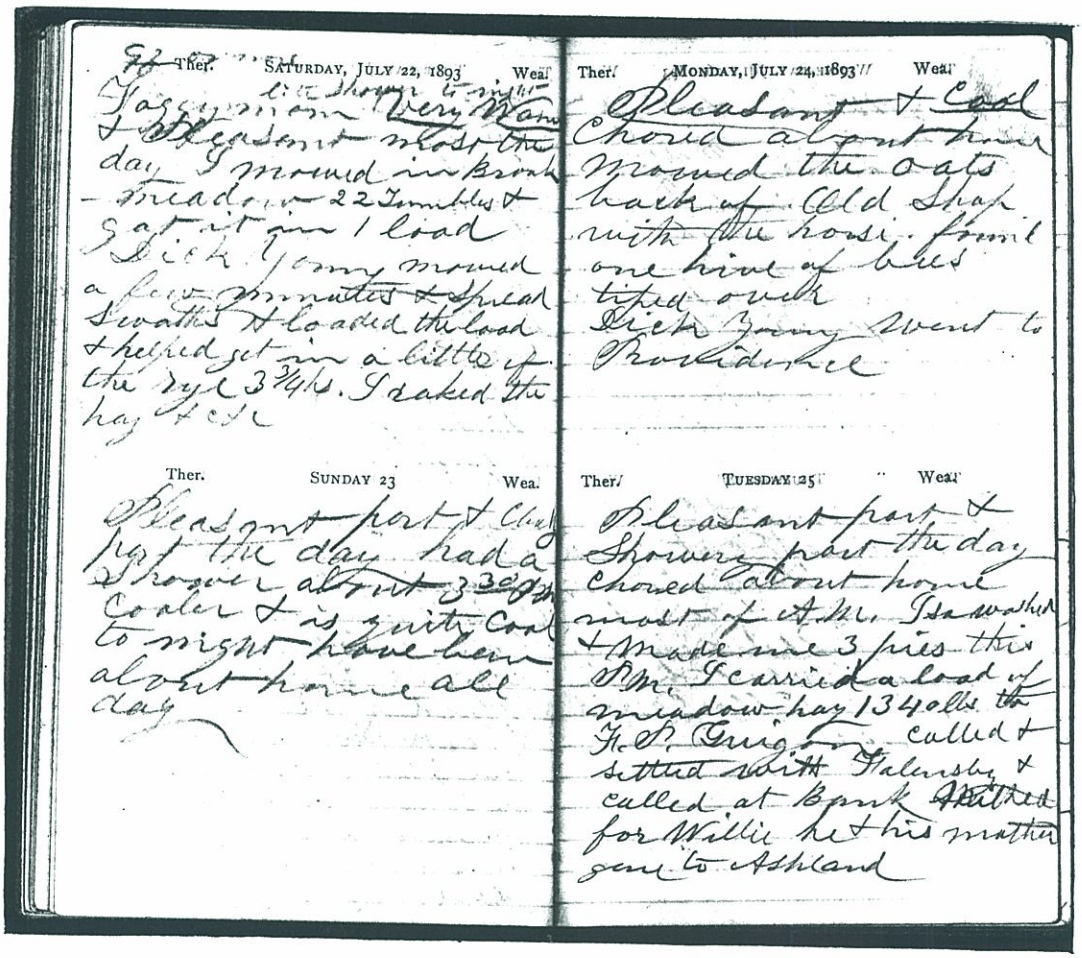
Pleasant & warm. Chored about. Mowed a load of hay 1100 lbs in brook meadow & got it in. Dick Young helped spread & load it. Bound up the rye.
John & Linda came over. Elmer came with them. Dug down to the pipe in cow yard & cut it in two, it was burst. Elmer got dinner for me & supper.

Thursday, July 20, 1893

Very Pleasant & warm. Dug pipe up so Elmer could fix it in cow yard. Cut out a piece & put in a piece where it was burst & covered it up again. Fixed pump, hung Savin door, put in cellar windows & c. at cottage. Sprouted a few potatoes, picked peas for dinner & c & c. John, Linda & Elmer went hack at 1 P.M. This eve, I mowed 1 ½ hs in meadow.

Friday 21

Pleasant & warm. Geo Miller finished mowing the meadow 1 ½ hs. I went to now it & found it mowed. I spread it. Dick Young helped r rake & get it up & get the load of rye in 4 ½ hs, had a load of 1150 & a little on _?_ wagon. J. Towers cow had a calf about 10 this eve.



Saturday, July 22, 1893

92/0 or more

Foggy morn, Very Warm Light shower to night & pleasant most of the day. I mowed in brook meadow 22 tumbles & got it in, 1 load. Dick Young mowed a few _?_ & spread swaths & loaded the load & helped get in a little of the rye 3 ¾ hs. I raked the hay & c & c.

Sunday 23

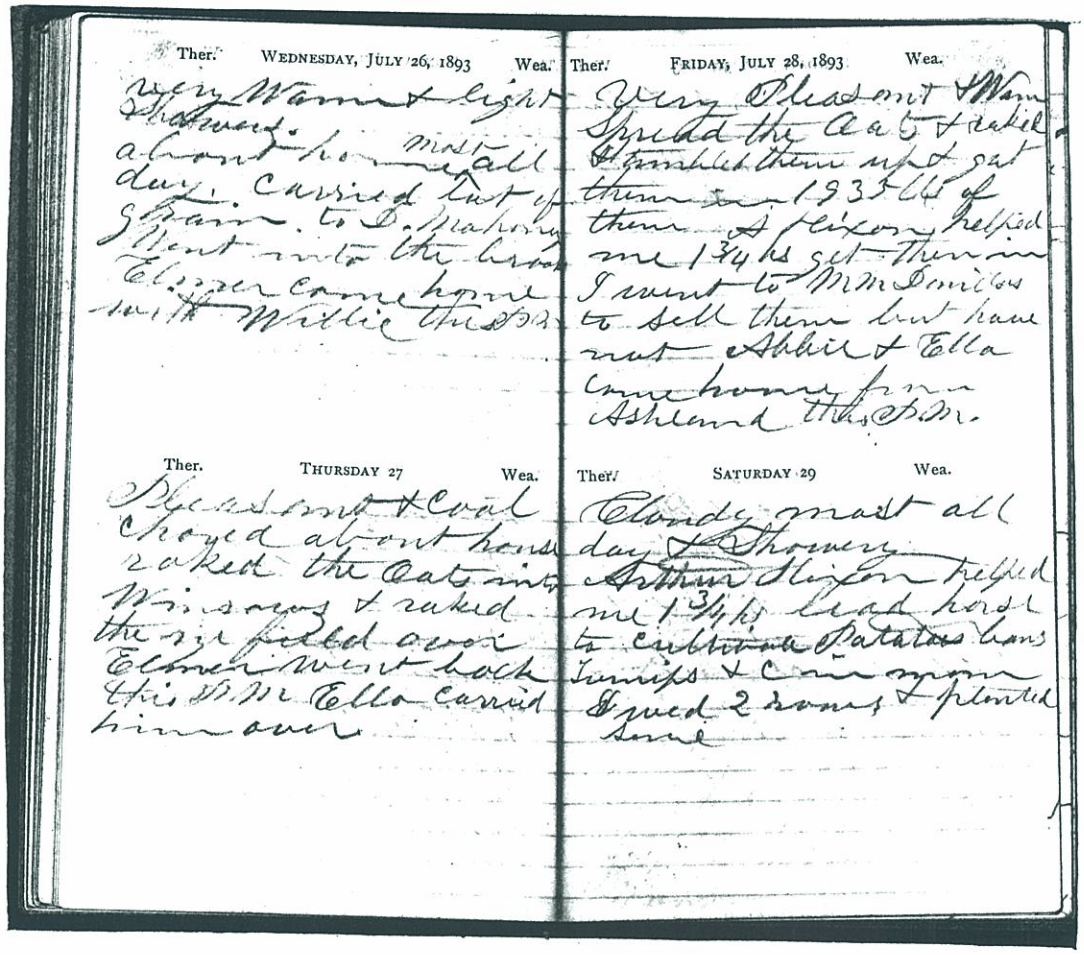
Pleasant part & cloudy part the day. Had a shower about 3:30 P.M., cooler & is quite cool to night. Have been about home all day.

Monday, July 24, 1893

Pleasant & cool. Chored about home. Mowed the oats back of old shop with the horse. Found one hive of bees
tipped over.
Dick Young went to Providence.

Tuesday 15

Pleasant part & showery part the day. Chored about home most of A.M. Isa washed & made me 3 pies this P.M. I carried a load of meadow hay 1340 lbs to F. P. Guigon. Called & settled with Falensky. Called at Back. Milked for Willie. He & his mother gone to Ashland.



Wednesday, July 26, 1893

Very warm & light showers. About home most all day. Carried lot of grain to D. Mahoney. Went into the brook. Elmer came home with Willie this P.M.

Thursday 27

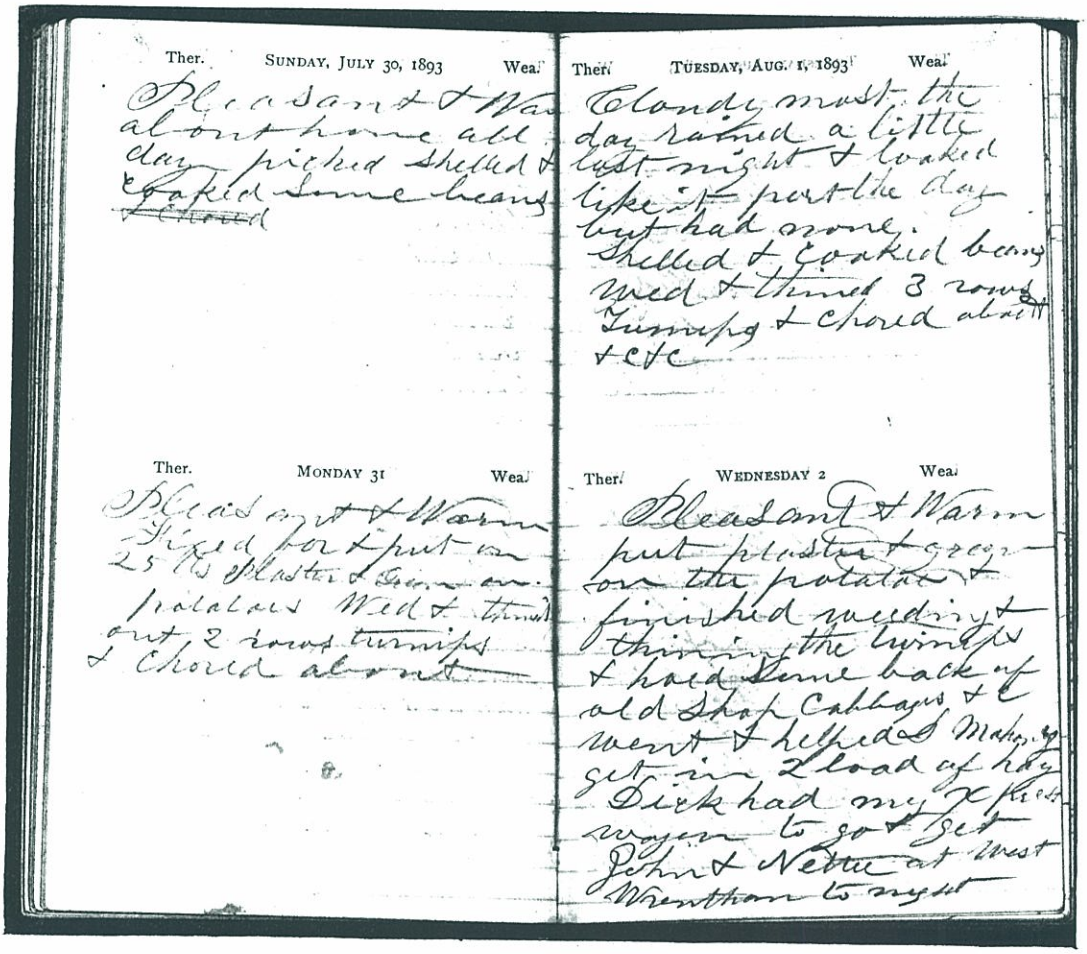
Pleasant & cool. Chored about house.
Raked the oats into Winsows & raked the rye field over. Elmer went back this P.M. Ella carried him over.

Friday, July 28, 1893

Very pleasant & warm. Spread the oats & raked & tumbled them up & got them in 1933 lbs of them. A. Hixon helped me 1 ¾ hs get them in. I went to M. M. Danielses to sell them but have not. Abbie & Ella came home from Ashland this P.M.

Saturday 29

Cloudy most all day & showery. Arthur Hixon helped me 1 ¾ hs. Had horse to cultivate potatoes, beans, turnips & c. In morn, I weed 2 rows & planted some.



Ther. SUNDAY, JULY 30, 1893 Weat.

Pleasant & Warm about home all day picked shelled & cooked some beans & chored

Ther. TUESDAY, AUG. 1, 1893 Weat.

Cloudy most the day rained a little last night & looked like it part the day but had none. Shelled & cooked beans weed & thined 3 rows Turnips & chored about & c & c

Ther. MONDAY 31 Weat.

Pleasant & Warm Fixed for & put on 25 lbs Plaster & Guano on potatoes Weed & thined out 2 rows turnips & chored about

Ther. WEDNESDAY 2 Weat.

Pleasant & Warm put plaster & guano on the potatoes & finished weeding & thinning the turnips & hoed some back of old shop Cabbages & c went & helped D Mahoney get in 2 load of hay Dick had my X press wagon to go & get John & Nettie at West Wrentham to night

Sunday, July 30, 1893

Pleasant & warm. About home all day. Picked , shelled & cooked some beans.

Monday 31

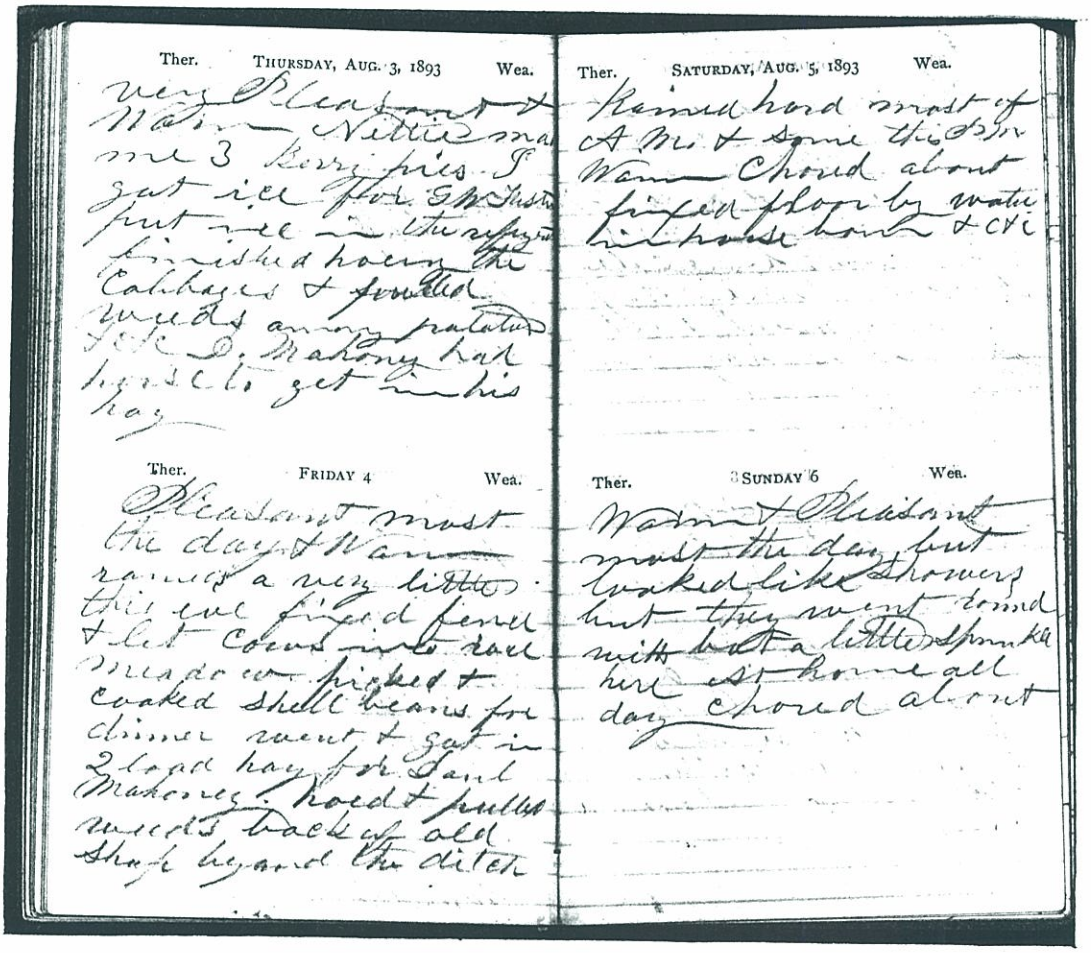
Pleasant & warm. Fixed for & put on 25 lbs plaster & _?_ on potatoes. Weed & thinned out 2 rows turnips & chored about.

Tuesday, Aug. 1, 1893

Cloudy most the day, rained a little last night & looked like it part the day but had none. Weed & thinned 2 rows turnips & chored about & c & c.

Wednesday 2

Pleasant & warm. Put plaster & guono on the potatoes & finished weeding & thinning the turnips & hoed some in back of old shop, cabbages & c. Went & helped D. Mahoney get in 2 load of hay. Dick had my xpress wagon to go & get John & Nettie at West Wrentham to night.



Thursday, Aug 3, 1893

Very pleasant & warm. Nettie made me 3 berry pies. I got ice for G. W. Foster. Put ice in the refrigerator. Finished hoeing the cabbages & pulled weeds among potatoes & c & c. D. Mahoney had horse to get in his hay.

Friday 4

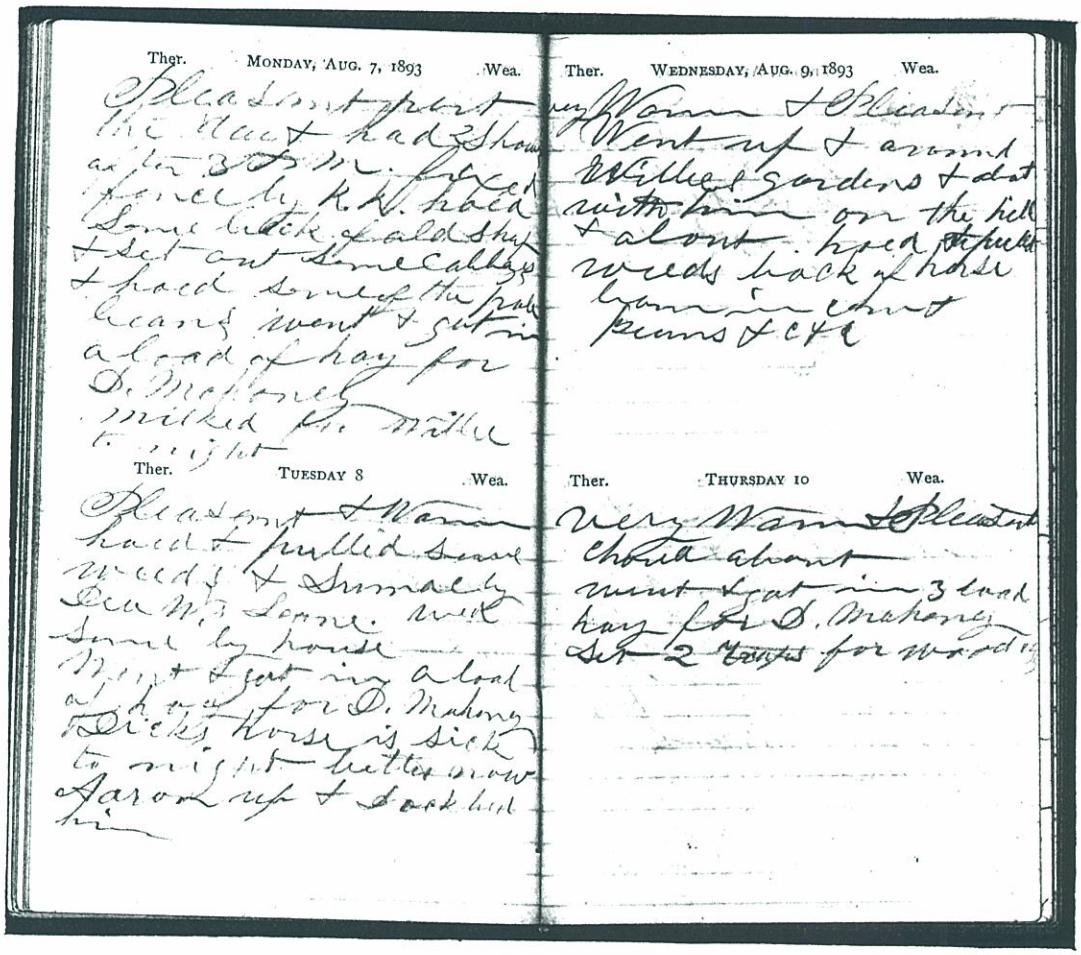
Pleasant most the day & warm. Rained a very little this eve. Fixed fence & let cows in race meadow. Picked & cooked shell beans for dinner. Went & got in 2 load hay for Danl Mahoney. Hoed & pulled weeds back of old shop beyond the ditch.

Saturday, Aug. 5, 1893

Rained hard most of A.M. & some this P.M. Warm. Chored about. Fixed floor by water in horse barn & c & c.

Sunday 6

Warm & Pleasant most the day, but looked like showers but they went round with but a little sprinkle. Here at home all day. Chored about.



Ther. MONDAY, AUG. 7, 1893 Wea.

Pleasant part the day & had 2 shows after 3 P.M. fixed fence by R. R. hoed some back of old shop & set out some cabbages & hoed some of the pole beans went & got in a load of hay for D. Mahoney milked for Willie to night

Ther. WEDNESDAY, AUG. 9, 1893 Wea.

Very Warm & Pleasant Went up & around Willies gardens & about with him on the hill & about hoed & picked weeds back of horse barn in corn & beans & c & c

Ther. TUESDAY 8 Wea.

Pleasant & Warm hoed & pulled some weeds & sumacs by Dea W. Lane. Weed some by house Went & got in a load of hay for D. Mahoney Dicks horse is sick to night better now Aaron up & docktred him

Ther. THURSDAY 10 Wea.

Very Warm & Pleasant chored about went & got in 3 load hay for D. Mahoney Set 2 traps for woodch

Monday, Aug. 7, 1893

Pleasant part the day & had 2 showers after 3 P.M. Fixed fence by R. R. Hoed some back of old shop & set out some cabbages & hoed some of the pole beans. Went & got in a load of hay for D. Mahoney. Milked for Willie to night.

Tuesday 8

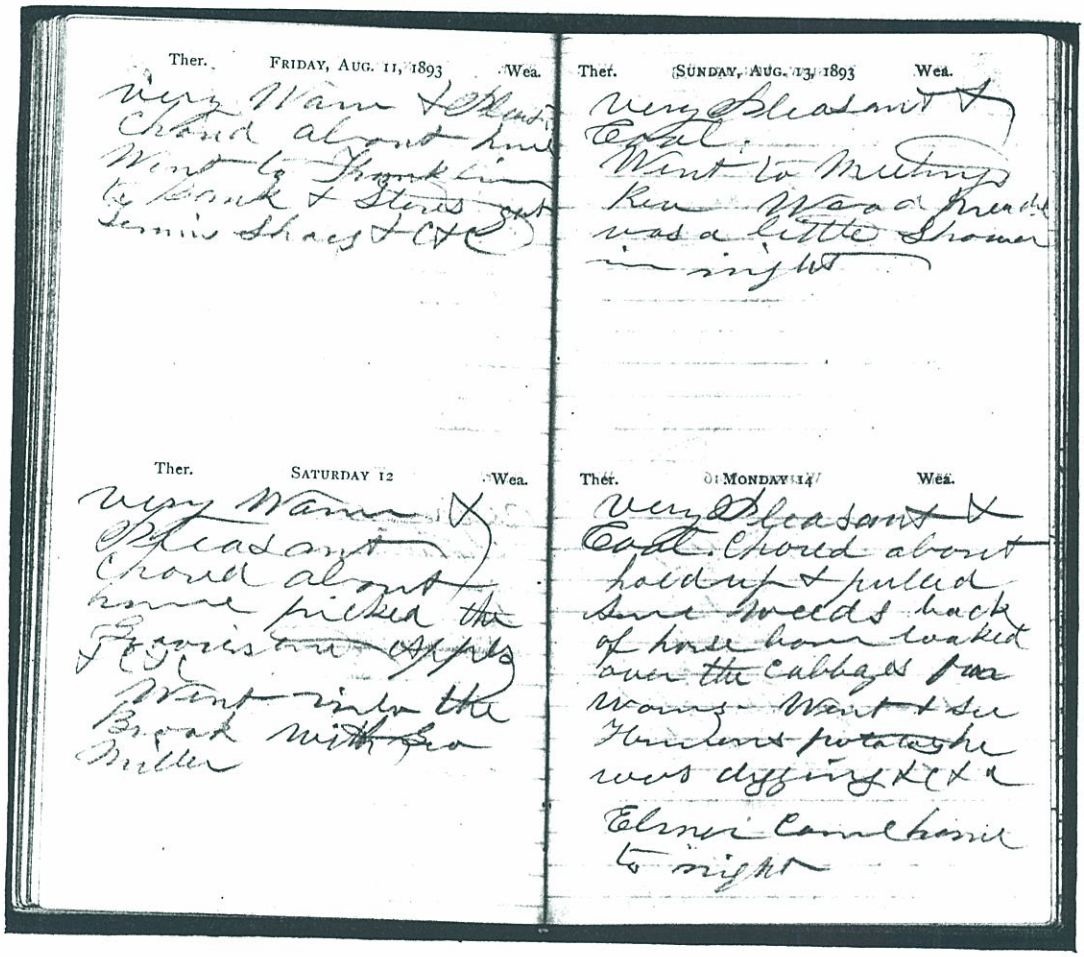
Pleasant & warm. Hoed & pulled some weeds & sumac by Dea. W. Lane. Weed some by house. Went & got in a load of hay for D. Mahoney. Dicks horse is sick to night, better now. Aaron up & docktred him.

Wednesday, Aug 9, 1893

Very warm & pleasant. Went up & around Willies gardens & about with him on the hill & about. Hoed & picked weeds back of horse barn in corn & beans & c & c.

Thursday 10

Very warm & pleasant. Chored about. Went & got in 3 load hay for D. Mahoney. Set 2 traps for woodchuck.



Friday, Aug. 11, 1893

Very warm & pleasant. Chord about house. Went to Franklin to bank & stores. **Got tennis shoes & c & c.**

Sunday, Aug. 13, 1893

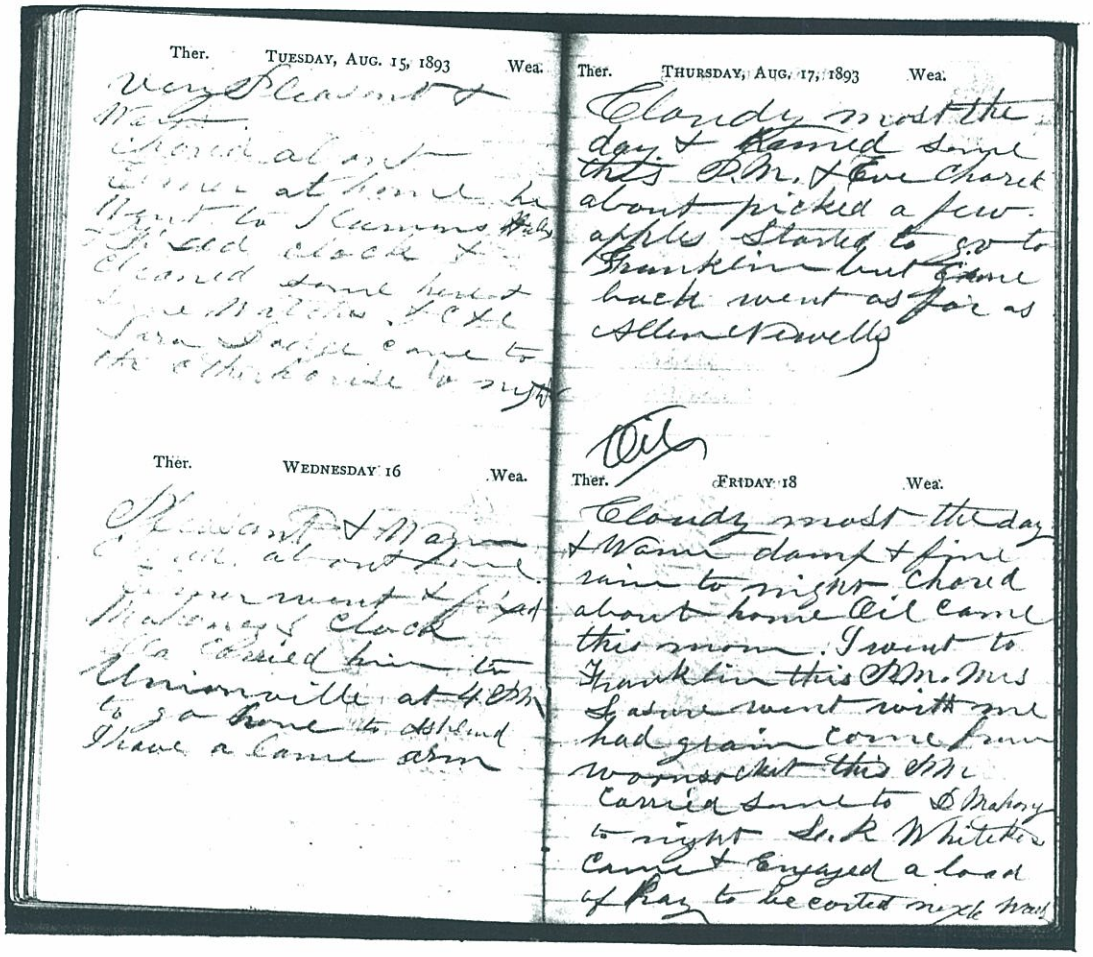
Very pleasant & Cool. Went to Meetings. Rev. Wood preached. Was a little shower in night.

Saturday12

Very warm & pleasant. Chored about home. Picked the Gravestine apples & c & c. Went into the brook with Geo Miller.

Monday 14

Very pleasant & cool. Chored about Hoed up & pulled some weeds back of horse barn. Looked over the cabbages for worms. Went & see Hermons potatoes, he was digging & c & c.
Elmer came home to night.



Tuesday, August 15, 1893

Very pleasant & warm. Chored about. Elmer at home. He went to Hermons house. Fixed clock & cleaned some here & some watches & c & c. Sara Dodge came to the other house to night.

Wednesday 16

Pleasant & warm. chored about home. Elmer went & fixed Mahoney's clock. Ella carried him to Unionville at 4 P.M. to go home to Ashland. **I have a lame arm.**

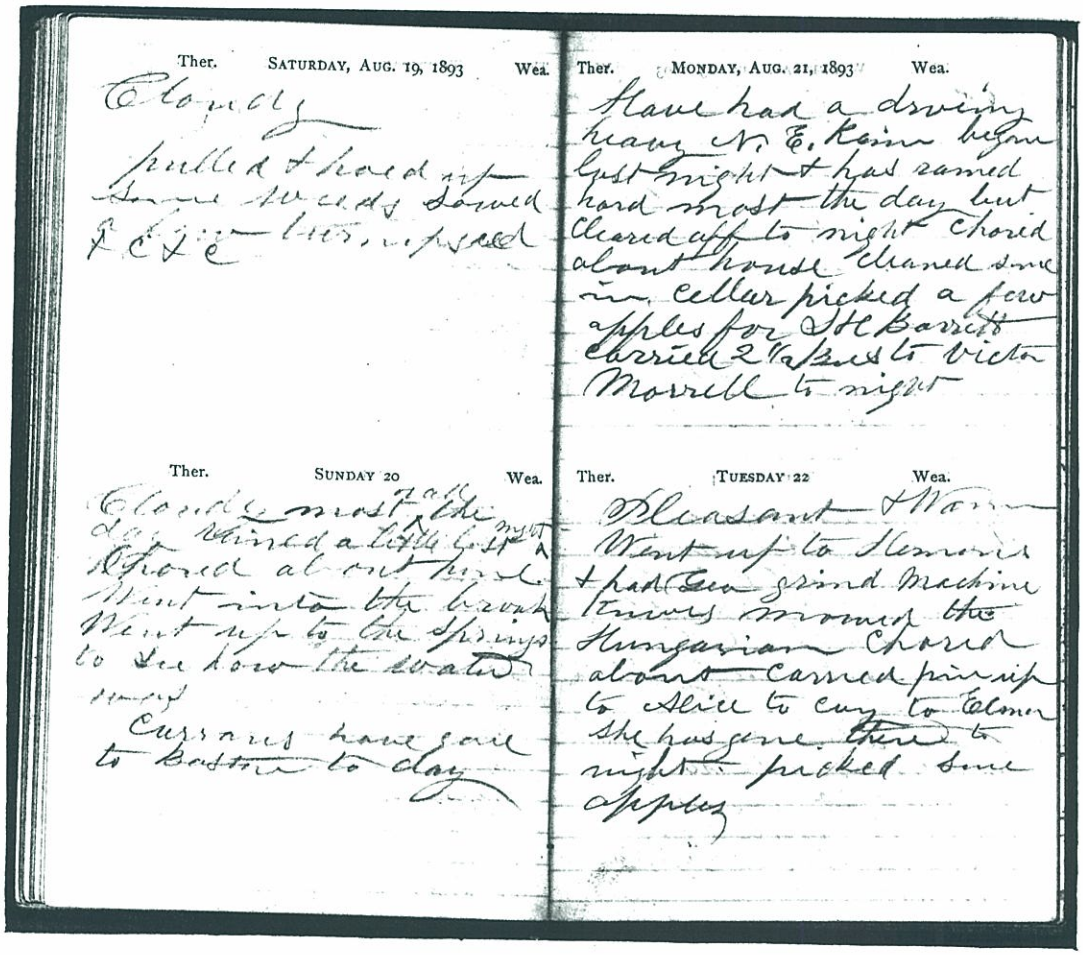
Thursday, Aug. 17, 1893

Cloudy most the day & rained some this P.M. & eve. Chored about picked a few apples. Started to go to Franklin but came back. Went as far as Allen Newells.

Friday 18

Oil

Cloudy most the day & warm, damp & fine rain to night. Chored about home. Oil came this morn. I went to Franklin this P.M. Mrs. Leasure went with me. Had grain come from Woonsocket this P.M. Carried some to D. Mahoney to night. L. R. Whiteker came & engaged a load of hay to be carted next week.



Saturday, Aug. 19, 1893

Cloudy
Pulled & hoed up some weeds. Sowed a few turnip seeds & c & c.

Monday, Aug. 21 1893

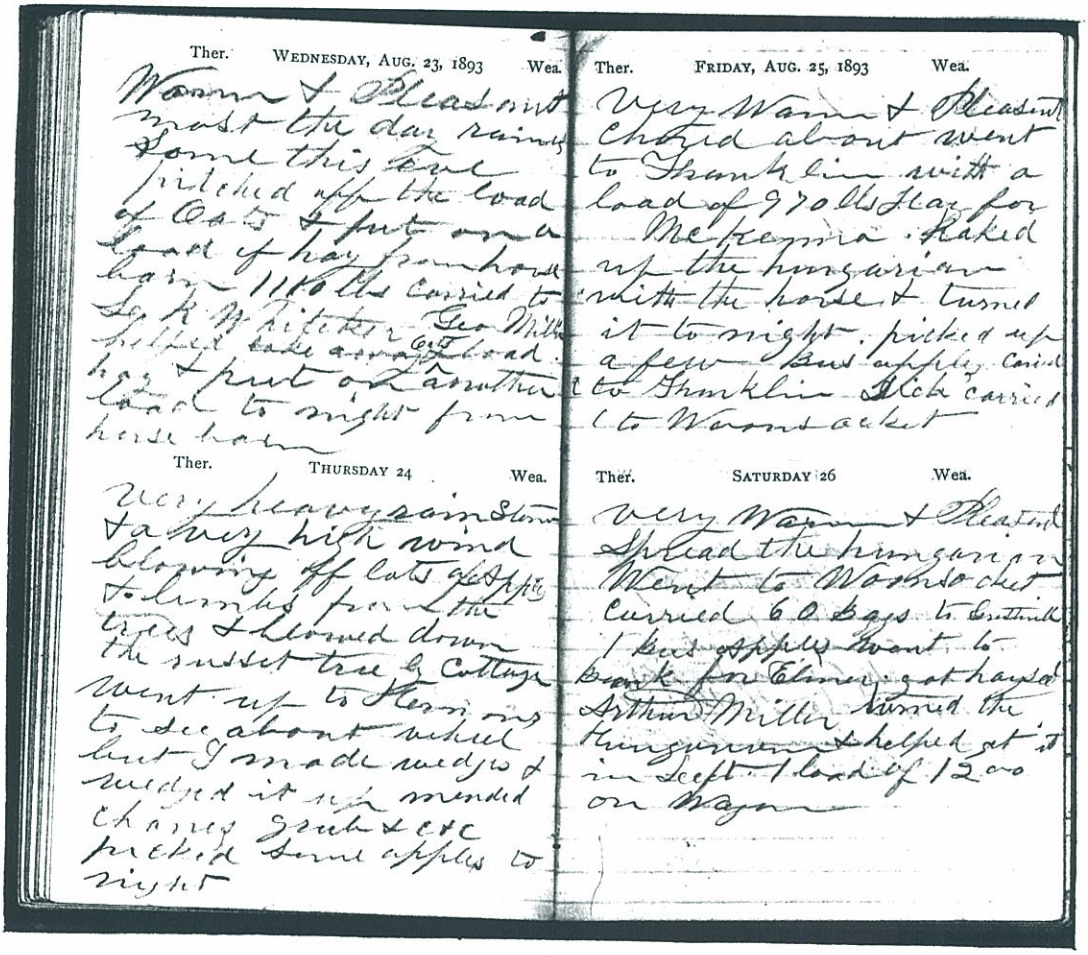
Have had a driving heavy N. E. rain, began last night & has rained hard most the day but cleared off to night. Chored about house. Cleaned some in cellar. Picked a few apples for H. C. Barrett. Carried 1 ½ Bus to Victor Morrell to night.

Sunday 20

Cloudy most or all the day. rained a little last night. Chored about home. Went into the brook. Went up to the springs to see how the water was.
Currans have gone to Boston to day.

Tuesday 22

Pleasant & warm. Went up to Hermons & had Geo. grind machine knives. Mowed the Hungarian. Chored about. Carried pin up to Alice to cary to Elmer. She has gone there to night. Picked some apples.



Ther. WEDNESDAY, AUG. 23, 1893 Wea.

Warm & Pleasant most the day rained some this eve pitched off the load of Oats & put on a load of hay from horse barn 1110 lbs carried to L. R. Whitaker Geo Miller helped rake away oats & load hay & put on another load to night from horse barn

Ther. THURSDAY 24 Wea.

Very heavy rain Storm & a very high wind blowing off lots of Apples & limbs from the trees & blowed down the russet tree by Cottage went up to Hermons to see about wheel but I made wedges & wedged it up mended chains grub & c & c picked some apples to night

Ther. FRIDAY, AUG. 25, 1893 Wea.

Very Warm & Pleasant Chored about went to Franklin with a load of 970 lbs Hay for McKenna raked up the hungarian with the horse & turned it to night picked up a few bus apples carried to Franklin Dick carried to Woonsocket

Ther. SATURDAY 26 Wea.

Very Warm & Pleasant Spread the hungarian Went to Woonsocket Carried 60 bags to Cottage 1 bus apples Went to Bank for Elmer got hay seed Arthur Miller turned the Hungarian & helped get it in Left 1 load of 1200 on Wagon

Wednesday, Aug. 23, 1893

Warm & pleasant most the day, rained some this eve. Pitched off the load of oats & put on a load of hay from horse barn 1110 lbs. Carried to L. R. Whiteker. Geo. Miller helped rake away oats and load hay & put on another load to night from horse barn.

Thursday 24

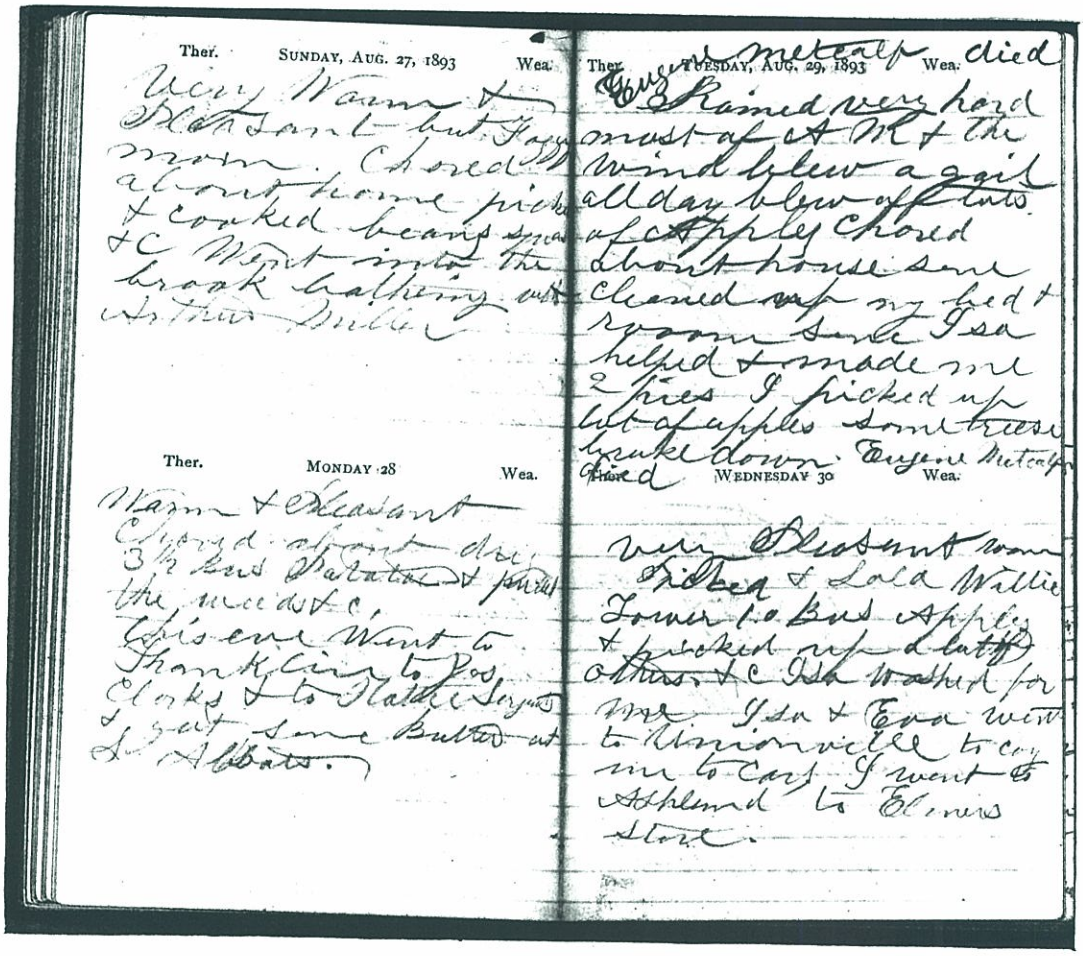
Very heavy rain storm & a very high wind blowing off lots of apples & limbs from the trees & blowed down the russet tree by cottage. Went up to Hermons to see about wheel but I made wedges & wedged it up, mended chains, grub & c & c. Picked some apples to night.

Friday, Aug. 25, 1893

Very warm & pleasant. Chored about. Went to Franklin with a load of 970 lbs Hay for McKenna. Raked up the Hungarian with the horse & turned it to night. Picked up a few bus apples, carried to Franklin. Dick carried to Woonsocket.

Saturday 26

Very warm & pleasant. Spread the hungarian. Went to Woonsocket. Carried 60 bags to _?_ 1 bus apples. Went to Bank for Elmer. Got hay seed. Arthur Miller turned the Hungarian & helped get it in. Left 1 load of 1200 on wagon.



Sunday, Aug. 27, 1893

Very warm & pleasant but foggy morn. Chored about home. Picked & cooked beans some & c. **Went into the brook bathing with Arthur Miller**

Monday 28

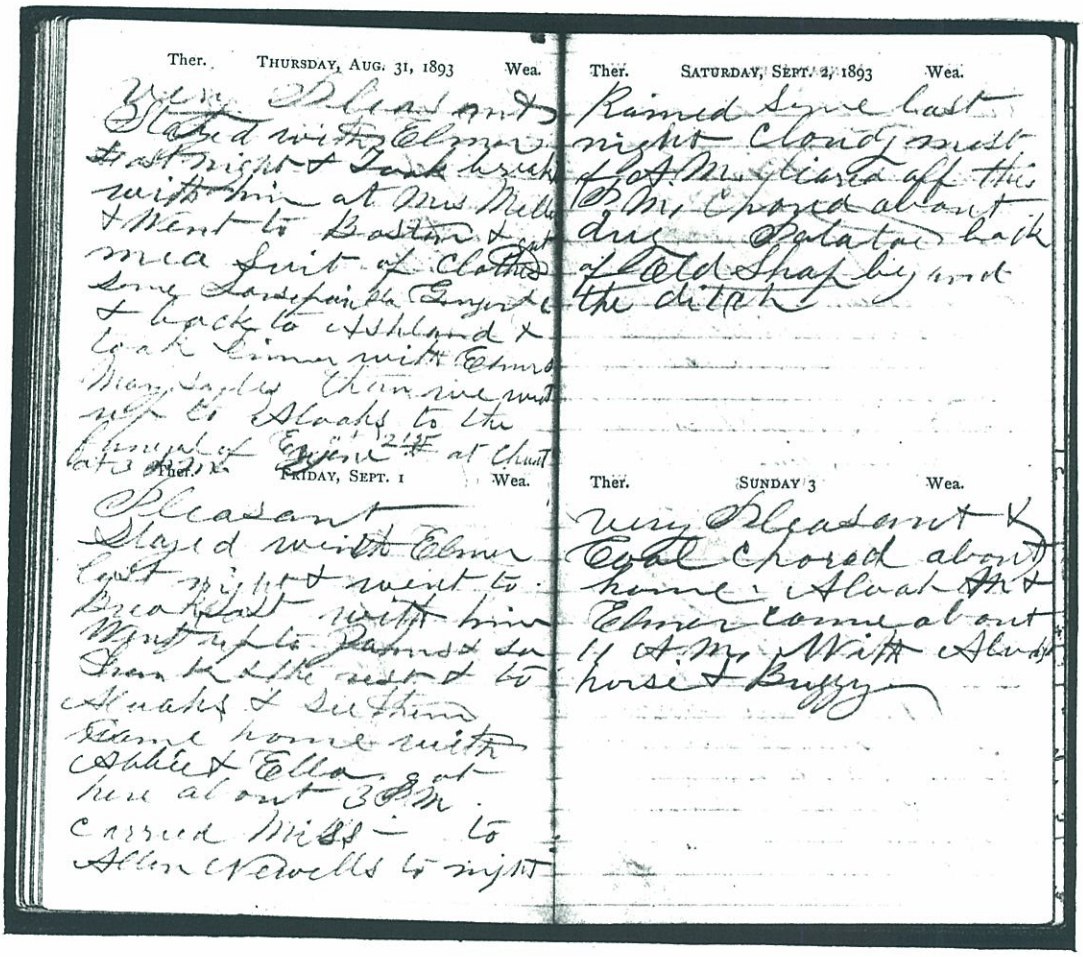
Warm & Pleasant. Chored about. Dug 3 ½ bus potatoes &picked the weeds & c. This eve went to Franklin to Jos. Clarks & to Hattie Sargents & got some butter at S. Abbotts.

Tuesday, Aug. 29, 1893
Eugene Metcalf died

rained very hard most of A.M. & the wind blew a gail all day, blew off lots of apples. Chored about house some. Cleaned up med & room some. Isa helped & made me 2 pies. I picked up a lot of apples. Some trees broke down. Eugene Metcalf died.

Wednesday 30

Very pleasant, warm. Picked & sold Willie Tower 10 bus apples & picked up a lot of others & c. Isa washed for me. Isa & Eva went to Unionville to _?_ me to cars. I went to Ashland to Elmers store.




Thursday, Aug. 31, 1893

Very pleasant. Stayed with Elmer last night & took breakfast with him at Mrs. Millers & went to Boston & got me a suit of clothes, some sarsaparilla, _?_ & c & back to Ashland & took dinner with Edmund, Mary Sayles, then we went up to Alvahs to the funeral of Eugene Metcalf at 2:15 at church at 3 P.M.

Friday, Sept. 1

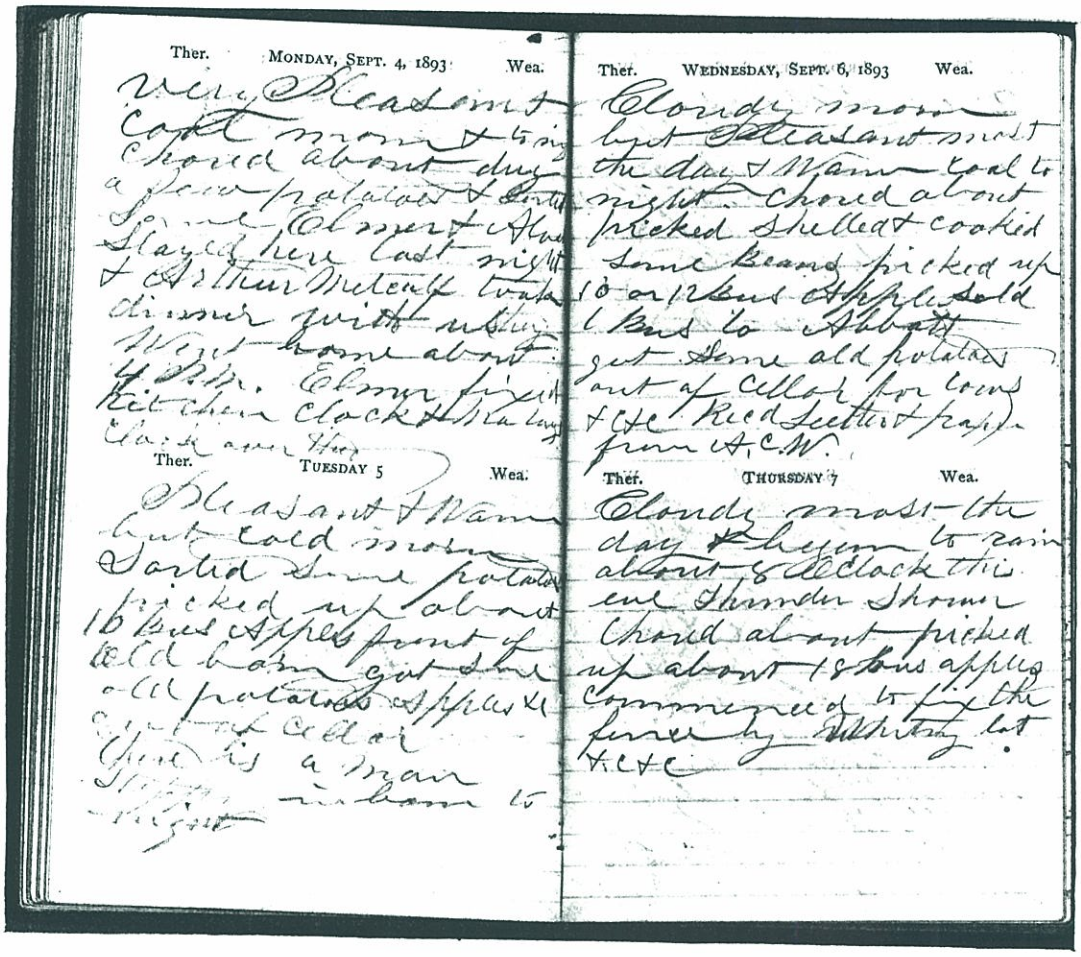
Pleasant. Stayed with Elmer last night & went to breakfast with him. Went up to Johns & saw Frank & the rest & to Alvahs & see them. Came home with Abbie & Ella. Got here about 3 p.m. Carried Miss --- to Allen Newells to night.

Saturday, Sept. 2, 1893

Rain some last night, cloudy most of A.M. Cleared off this P.M. Chored about. Dug potatoes back of old shop beyond the ditch.

Sunday 3

Very pleasant & cool. Chored about home. Alvah & Elmer came about 11 A.M. with Alvah's horse & buggy.



Monday, Sept 4, 1893

Very pleasant, cool morn & to night. Chored about. Dug a few potatoes & sorted some. Elmer & Alvah stayed here last night & Arthur Metcalf took dinner with us. They went home about 4 P.M. Elmer fixed kitchen clock & Mahoney's clock over there.

Tuesday 5

Pleasant & warm, but cold morn. Sorted some potatoes. Picked up about 16 Bus. apples front of old barn. Got some old potatoes & apples & c out of the cellar. There is a man stopping in barn to night.

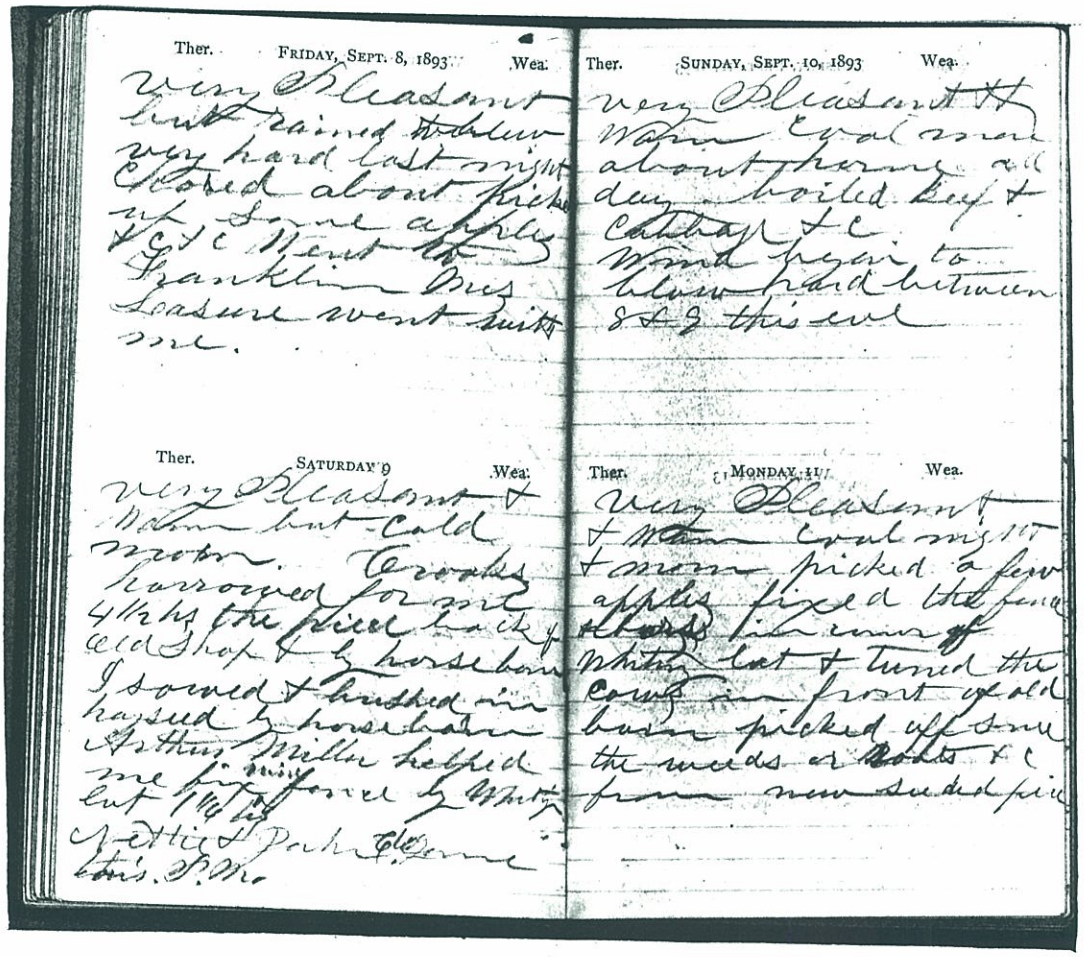
Wednesday, Sept. 6, 1893

Cloudy morn but pleasant most the day & warm. Cool to night. Chored about. Picked, shelled & cooked some beans. Picked up 10 or 12 bus apples. Sold 1 bus to Abbott. Got some old potatoes out of cellar for cows & c & c. Rec'd letter & paper from ***A.C.W.**

Thursday 7

Cloudy most the day & began to rain about 8 o'clock this eve. Thunder shower. Chored about. Picked up about 18 bus apples. Commence to fix the fence by Whiting lot & c & c.

***A.C.W. is Alvah C. Wadsworth, George's son, and is living in Seattle, Washington according to the address in back of 1893 diary.***


Ther. FRIDAY, SEPT. 8, 1893 Wea.
Very Pleasant but rained & blew very hard last night Chored about picked up some apples & c & c Went to Franklin Mrs Leasure went with me.

Ther. SUNDAY, SEPT. 10, 1893 Wea.
Very Pleasant & Warm Cool morn about home all day boiled beef & Cabbage &c Wind began to blow hard between 8 & 9 this eve

Ther. SATURDAY 9 Wea.
Very Pleasant & Warm but Cold morn. Crooks harrowed for me 4 1/2 hs the piece back of old Shop & by horse barn I sowed & bushed in hayseed by horse barn Arthur Miller helped me fix wire fence by Whitings lot 1 1/4 hs
Nettie & John Clewley gone this P.M.

Ther. MONDAY 11 Wea.
Very Pleasant & warm cool night & morn picked a few apples fixed the fence & bars in corner of Whiting lot & turned the cows in front of old barn picked off some the weeds or roots &c from new seeded piece

Friday, Sept. 8, 1893

Very pleasant but rained & blew very hard last night. Chored about, picked up some apples & c & c. Went to Franklin. Mrs. Leasure went with me.

Saturday 9

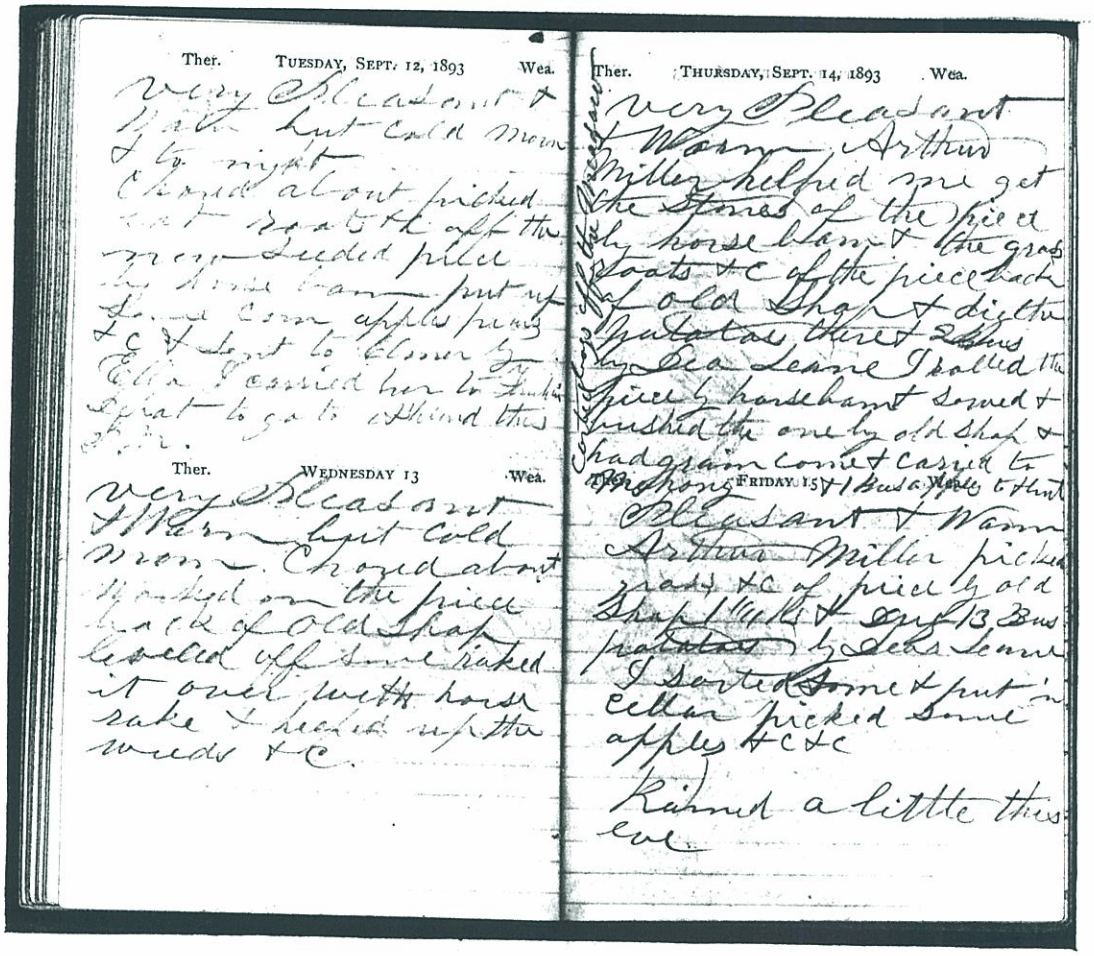
Very pleasant & warm but cold morn. Crooks harrowed for me 4 ½ hs, the piece back of old shop by horse barn. I sowed & bushed in hay seed by horse barn. Arthur Miller helped me fix wire fence by Whitings lot 1 ¼ hs.
Nettie & John Clewley gone this P.M.

Sunday, Sept 10, 1893

Very Pleasant & warm, Cool morn. About home all day. Boiled beef & cabbage & c. Wind began to blow hard between 8 & 9 this eve.

Monday 11

Very pleasant & warm, cool night & morn. Picked a few apples. Fixed the fence & bars in corner of Whiting lot & turned the cows in front of old barn. Picked off some the weeds or roots & c from new seeded piece.



Tuesday, Sept. 12. 1893

Very pleasant & warm but cold morn & to night. Chored about. Picked lot roots & c off the new seeded piece by horse barn. Put up some corn, apples, peas & c. & c & c. Sent to Elmer by Ella. I carried her to Franklin Depot to go to Ashland this P.M.

Wednesday 13

Very Pleasant & warm but cold morn. Chored about. Worked on the piece back of old shop. Leveled off some, raked it over with horse rake & heaped up the weeds & c.

Thursday, Sept. 14, 1893

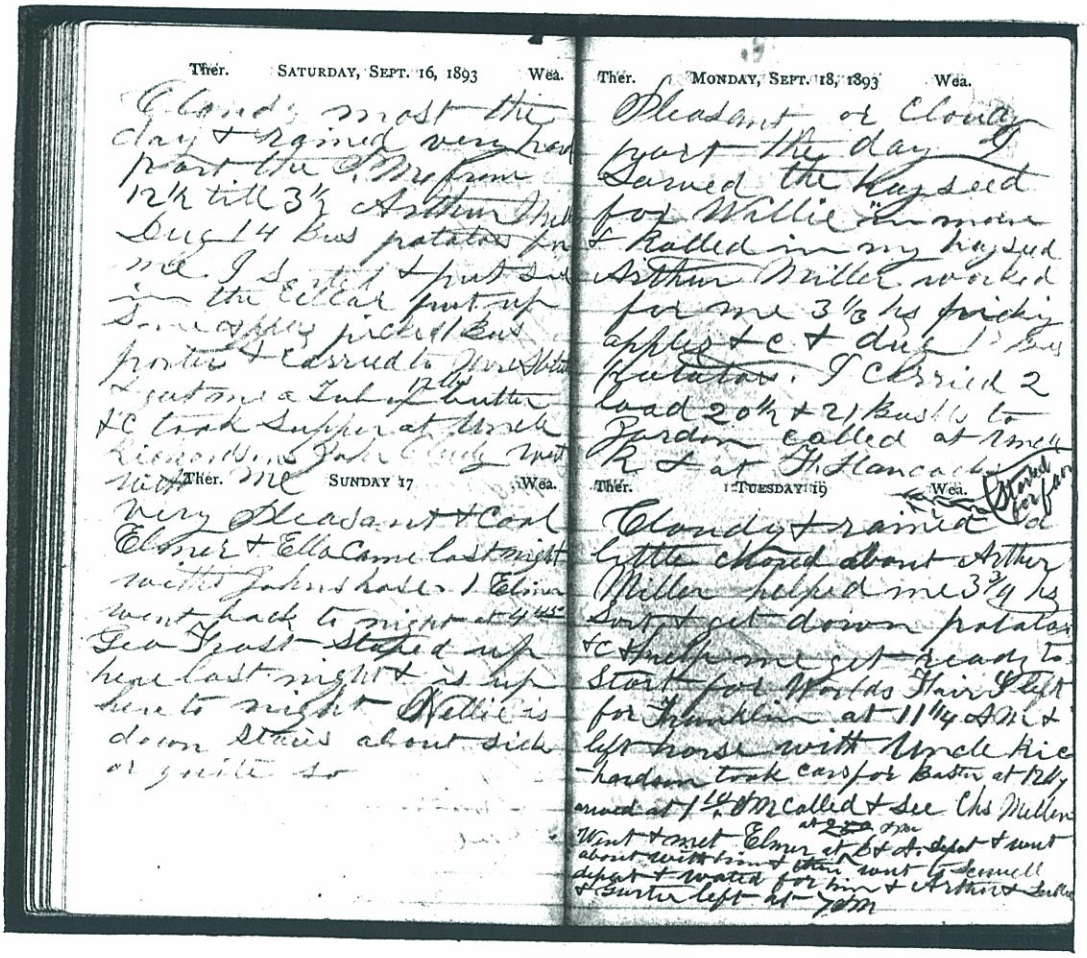
Very pleasant & warm. Arthur Miller helped me get the stones off the piece by horse barn & the grass roots & c of the piece back of old shop & dig the potatoes there, 2 bus by Dea Lane. I rolled the piece by horse barn & sowed & bushed the one by old shop & had grain come & carried to Mahoney & 1 bus apples to Hunt.

*On side*: Carted logs off the meadow.

Friday 15

Pleasant & warm. Arthur Miller picked grass & c off piece by old shop 1 ¼ hs & dug 13 bus potatoes by Dea Lane. I shorted some & put in cellar. Picked some apples & c & c.

Rained a little this eve.



Saturday, Sept. 16, 1893

Cloudy most the day & rained very hard part the P.M., from 12 ½ till 3 ½ Arthur Miller dug 14 bus potatoes for me. I sorted & put up some apples. Picked 11 bus Porter & carried to Mrs. Abbott & got me a tub of 12 lbs butter & c. Took Supper at Mrs. Ch. Richardson. John Clewley was with me.

Sunday 17

Very pleasant & cool. Elmer & Ella came last night with Johns horse. Elmer went back to night at 4:45. Geo Frost stopped up here last night & is up here to night. **Willie is down stairs about sick or quite so.**

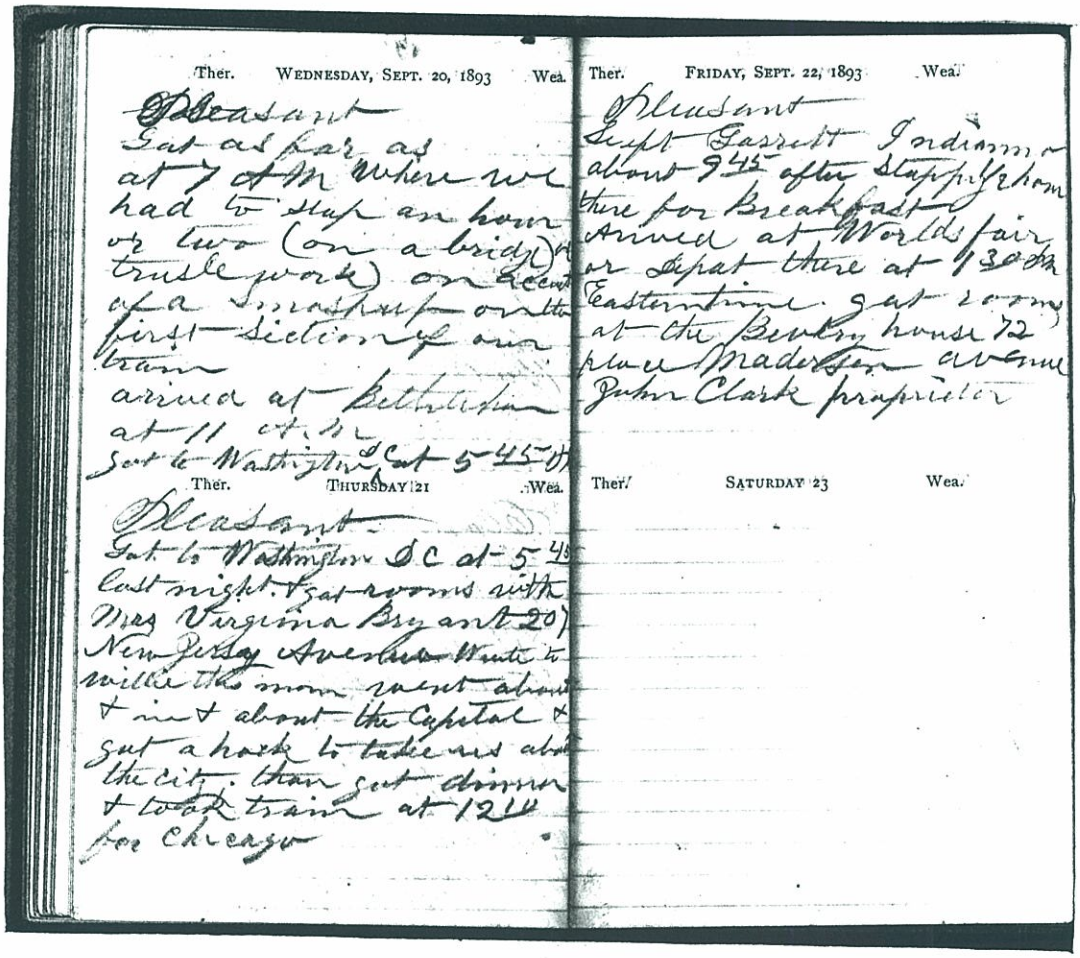
Monday, Sept. 18, 1893

Pleasant or cloudy part the day. I sowed the hay seed for Willie in morn & rolled in my hay seed. Arthur Miller worked for me 3 1/3 hs picking apples & c & dug 12 bus potatoes. I carried 2 load 20 ½ & 21 bus to Zarden. Called at Uncle R. & at F. Hancocks.

**Started for fair**

Tuesday 19

Cloudy & rained little. Chored about. Arthur Miller helped me 3 ¾ hs sort & get down potatoes & c & helped me get ready **to start for Worlds Fair. I left Franklin at 11 ¼ A.M. & left horse with Uncle Richardson. Took cars for Boston at 12 ¼, arrived at 1:10 P.M., called & see Chs Mellen. Went & met Elmer at B & A Depot & went about with him & then went to Sewell Depot & waited for him & Arthur & _?_ & _?_ , left at 7 P.M.**



Ther. WEDNESDAY, SEPT. 20, 1893 Wea.

Pleasant
Got as far as
at 7 A.M. where we
had to stop an hour
or two (on a bridge
trusle work) on account
of a smash up on the
first section of our
train
arrived at Bethlehem
at 11 A.M.
Got to Washington DC at 5-45 P.M.

Ther. THURSDAY 21 Wea.

Pleasant
Got to Washington DC at 5 45
last night. Got rooms with
Mrs Virginia Bryant 207
New Jersey Avenue Wrote to
Willie this morn. Went about
& in & about the Capital &
got a hack to take us about
the city. Than got dinner
& took train at 12 10
for Chicago

Ther. FRIDAY, SEPT. 22, 1893 Wea.

Pleasant
Left Garrett Indianna
about 9 45 after stopping ½ hour
there for Breakfast
Arrived at Worlds fair
or Depot there at 1 30 P.M.
Eastern time. Got rooms
at the Bevtry house 72
place Madersen avenue
John Clark proprietor

Ther. SATURDAY 23 Wea.

Wednesday, September 20, 1893

Got as far as at 7 A.M., where we had to stop an hour or two (on a bridge or trusle work) on account of a smash up on the first section of our train. Arrived at Bethlehem at 11 A.M. Got to Washington, D.C. 5:45 P.M.

Thursday 21

Pleasant
Got to Washington, D.C at 5:45 last night & got rooms with Mrs. Virginia Bryant, 207 New Jersey Avenue. Wrote to Willie this morn. Went about & in & about the capital & got a hack to take us about the city. Than got dinner & took train at 12:10 for Chicago.

Friday, Sept. 22, 1893

Pleasant
Left Garrett, Indianna about 9:45 after stopping ½ hour there for breakfast. Arrived at Worlds fair or Depot there at 1:30 P.M. Eastern time. Got rooms at the Bevtry house, 72 place, Madersen Avenue, John Clark, proprietor.

Saturday 23

***Editor note: George Wadsworth obviously took his diary with him to the World's Fair but chose not to make any entries until he started for home on October 3.***

Ther. SUNDAY, SEPT. 24, 1893 Wea.

Ther. MONDAY 25 Wea.

Ther. TUESDAY, SEPT. 26, 1893 Wea.

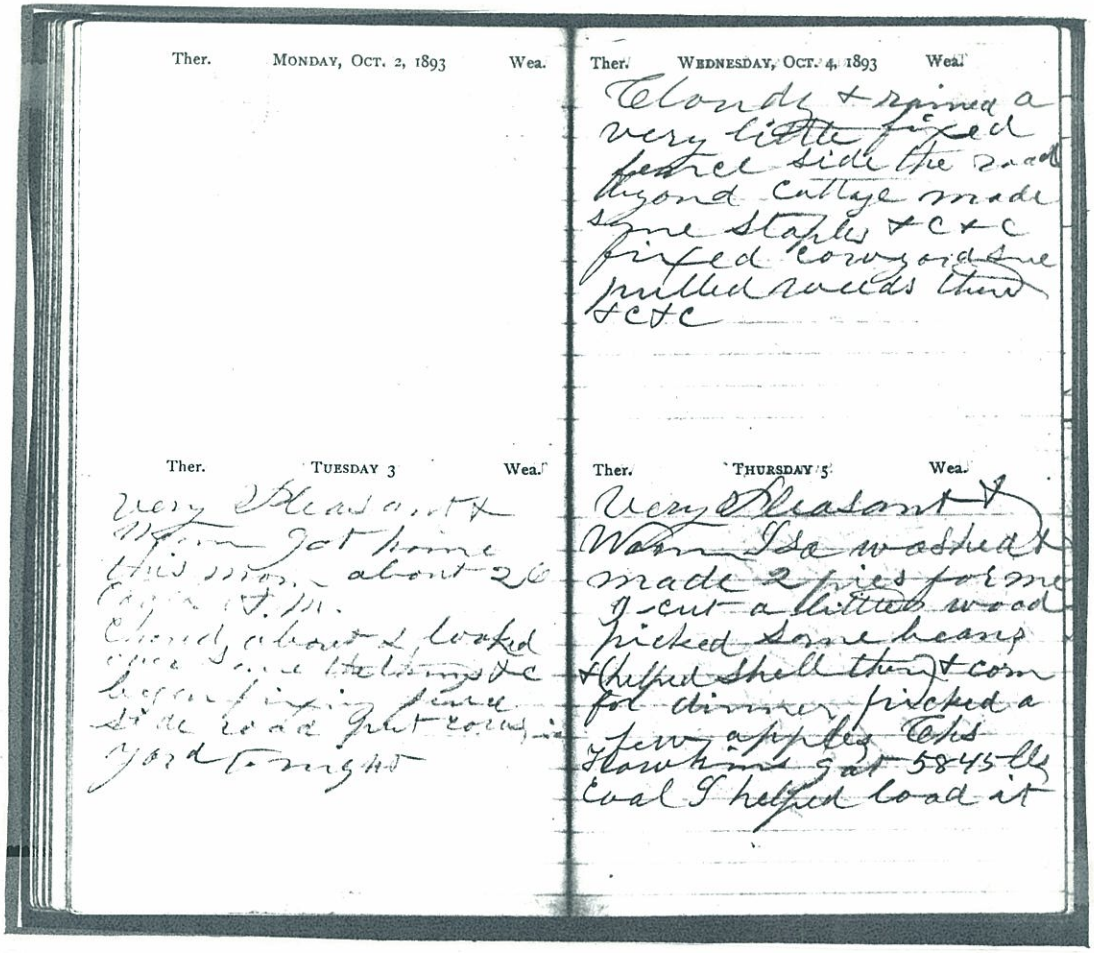
Ther. WEDNESDAY 27 Wea.

Ther. THURSDAY, SEPT. 28, 1893 Wea.

Ther. SATURDAY, SEPT. 30, 1893 Wea.

Ther. FRIDAY 29 Wea.

Ther. SUNDAY, OCT. 1 Wea.


Ther. MONDAY, OCT. 2, 1893 Wea.

Ther. WEDNESDAY, OCT. 4, 1893 Wea.

Cloudy & rained a very little fixed fence side the road beyond cottage made some staples & c & c fixed cow yard some pulled weeds there & c & c

Ther. TUESDAY 3 Wea.

very Pleasant & warm got home this morn about 2 O'clock A.M. Chored about & looked over some the things &c began fixing fence side road got cows in yard tonight

Ther. THURSDAY 5 Wea.

Very Pleasant & Warm Isa washed & made 2 pies for me I cut a little wood picked some beans & helped shell them & corn for dinner picked a few apples Chs Hawkins got 5845 lbs coal I helped load it

Monday, Oct. 2, 1893

Tuesday 3

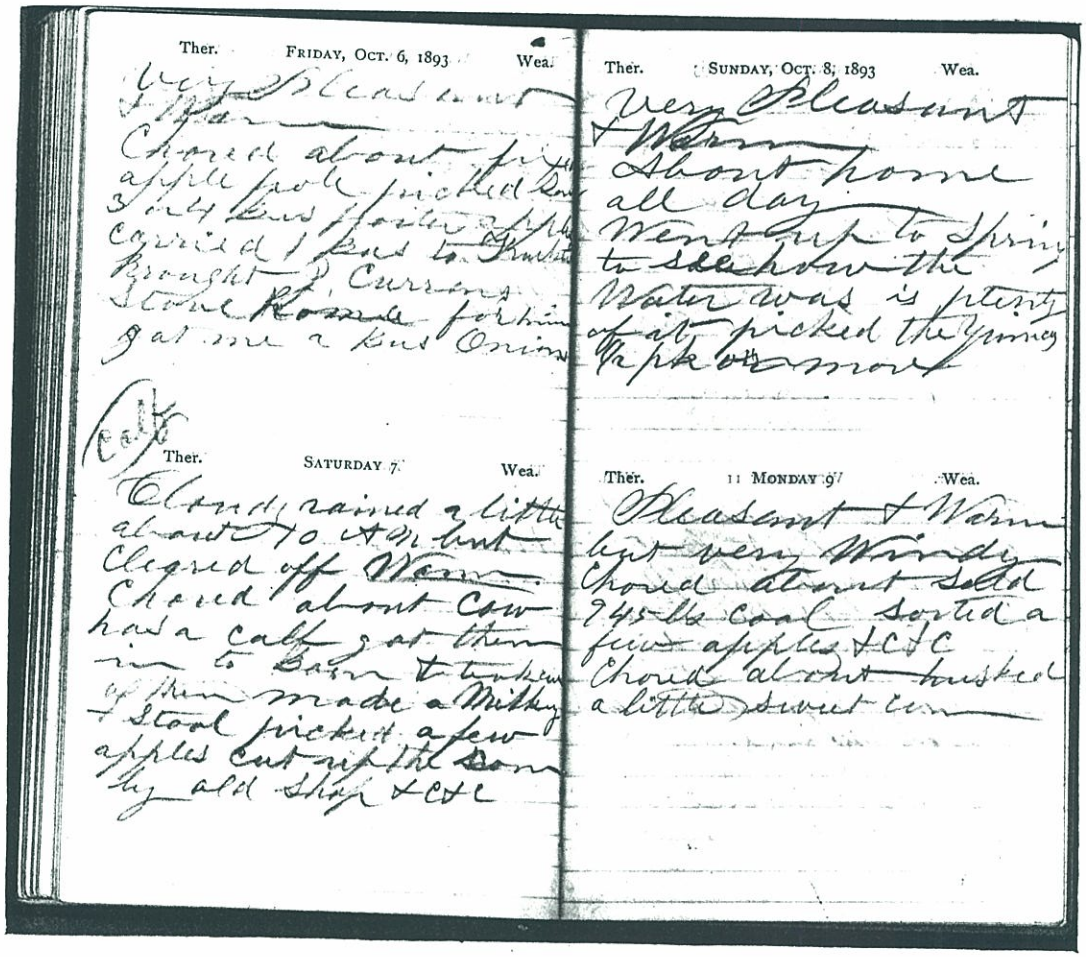
Very Pleasant, warm. Got home this morn about 2 O'clock A.M. Chored about & looked over some the things & c. Began fixing fence side road. Got cows in yard to night.

Wednesday, Oct 4 1893

Cloudy & rained a very little. Fixed fence side the road beyond cottage. Made some staples & c & c. Fixed cow yard some. Pulled weeds there & c & c.

Thursday 5

Very pleasant & warm. Isa washed & made 2 pies for me. I cut a little wood, picked some beans & (helped shell them) & corn for dinner. Picked a few apples. Chs. Hawkins got 5845 lbs coal. I helped load it.



Friday, Oct 6, 1893

Very pleasant & warm. Chored about. fixed apple pole. Picked some 3 or 4 bus Harter apples. Carried 1 bus to Franklin. Brought J. Currans stove home for him. Got me a bus onions.

Saturday 7

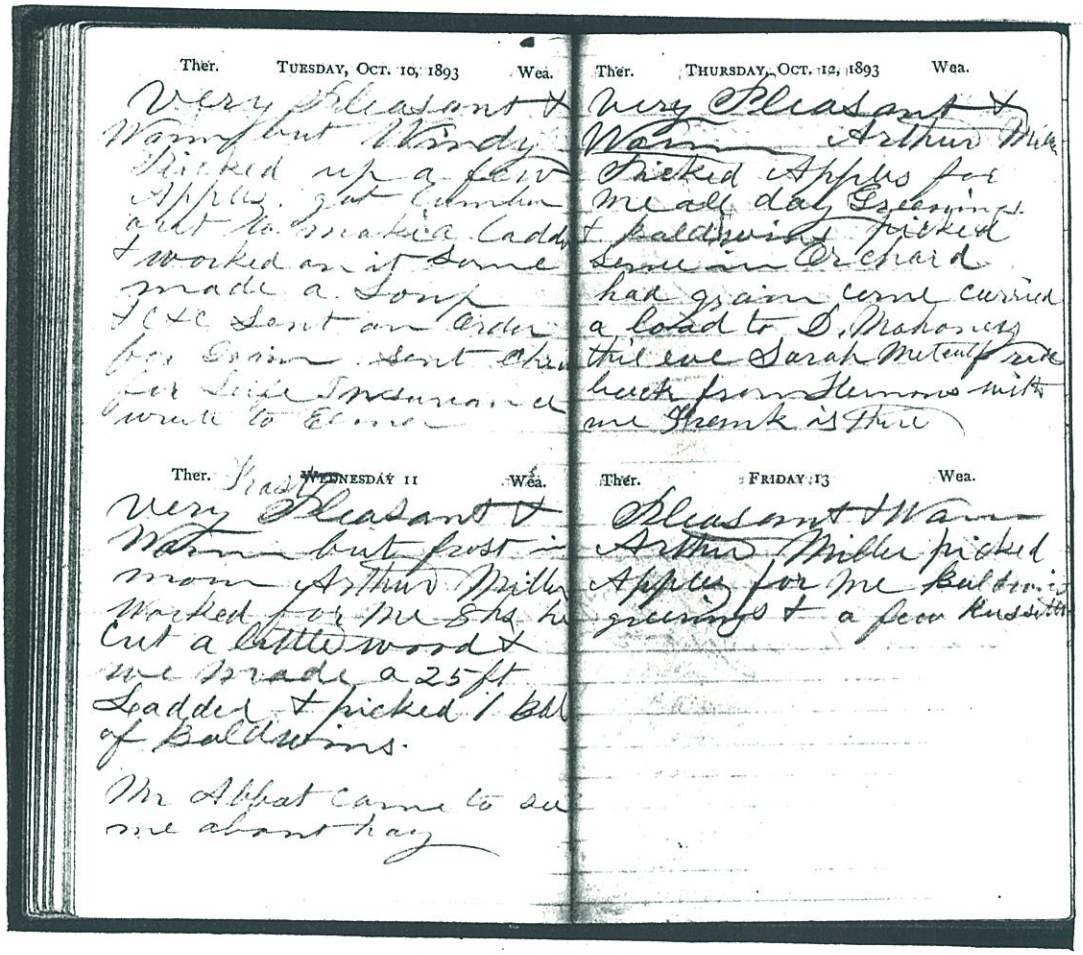
Calf

Cloudy rained a little about 10 A.M. but cleared off. Warm. Chored about. Cow has a calf. Got them in to barn & took care of them. Made a milky & stool. Picked a few apples. Cut up the corn by old shop & c & c.

Very pleasant & warm. About home all day. Went up to spring to see how the water was. Is plenty of it. Picked the young _?_ _?_.

Monday 9

Pleasant & warm but very windy. Chored about. Sold 945 lbs coal. Sorted a few apples & c & c. Chored about. Husked a little sweet corn.



Tuesday, Oct. 10, 1893

Very pleasant & warm but windy. Picked up a few apples. Got lumber out to make a ladder & worked on it some. Made a soup & c & c. Sent an order to grain. Sent check for Life Insurance. Wrote to Elmer.

Wednesday 11

Frost

Very pleasant & warm but frost in morn. Arthur Miller worked for me, 8 hs. He cut a little wood & we made a 25 ft ladder & picked 1 bu of Baldwins.

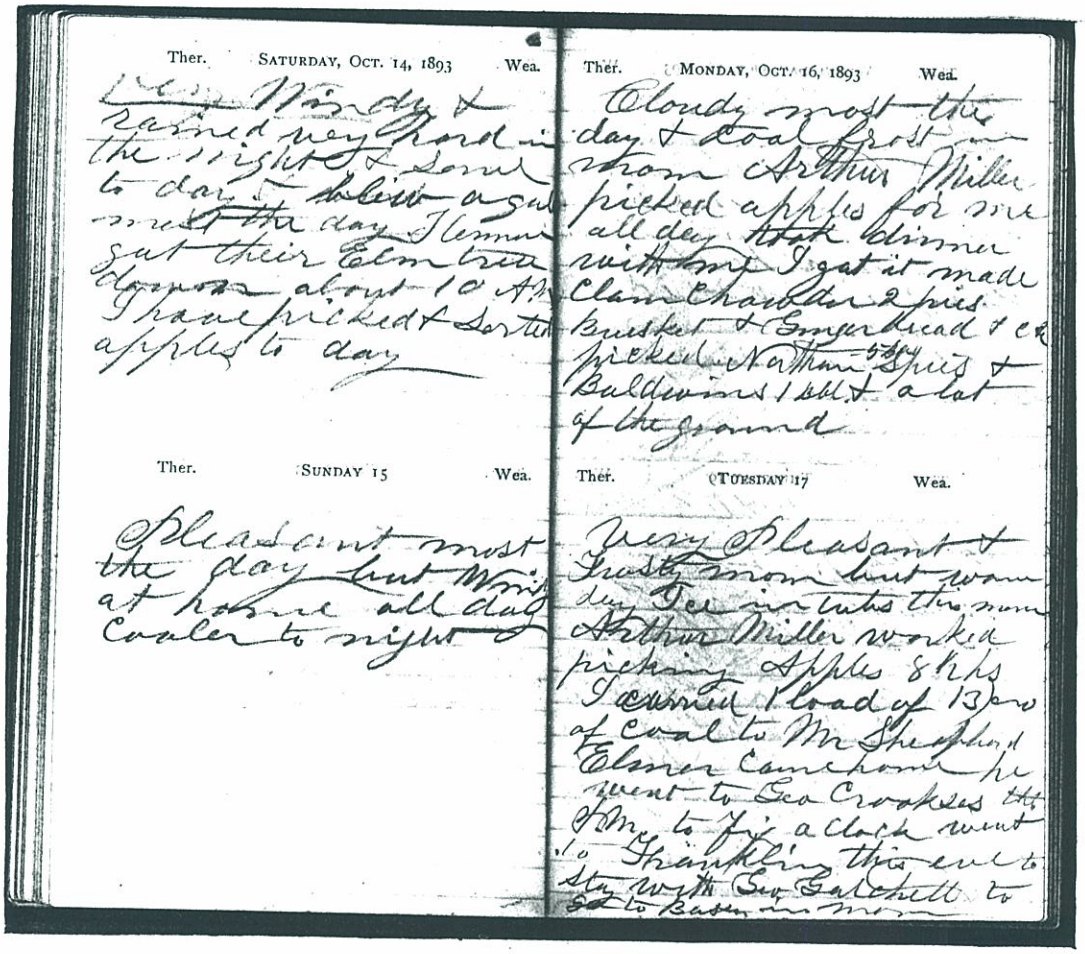
Mr. Abbot came to see me about hay.

Thursday, Oct. 12, 1893

Very pleasant & warm. Arthur Miller picked apples for me all day. Greenings & Baldwins. Picked some in orchard. Had grain come. Carried a load to D. Mahoney this eve. Sarah Metcalf rode back from Hermons with me, Frank is there.

Friday 13

Pleasant & warm. Arthur Miller picked apples for me. Baldwins & greenings & a few Russets.



Saturday, Oct. 14, 1893

Very windy & rained very hared in the night & some to day & blew again most the day. Hermon got their Elm tree down about 10 A.M. I have picked & sorted apples to day.

Sunday 15

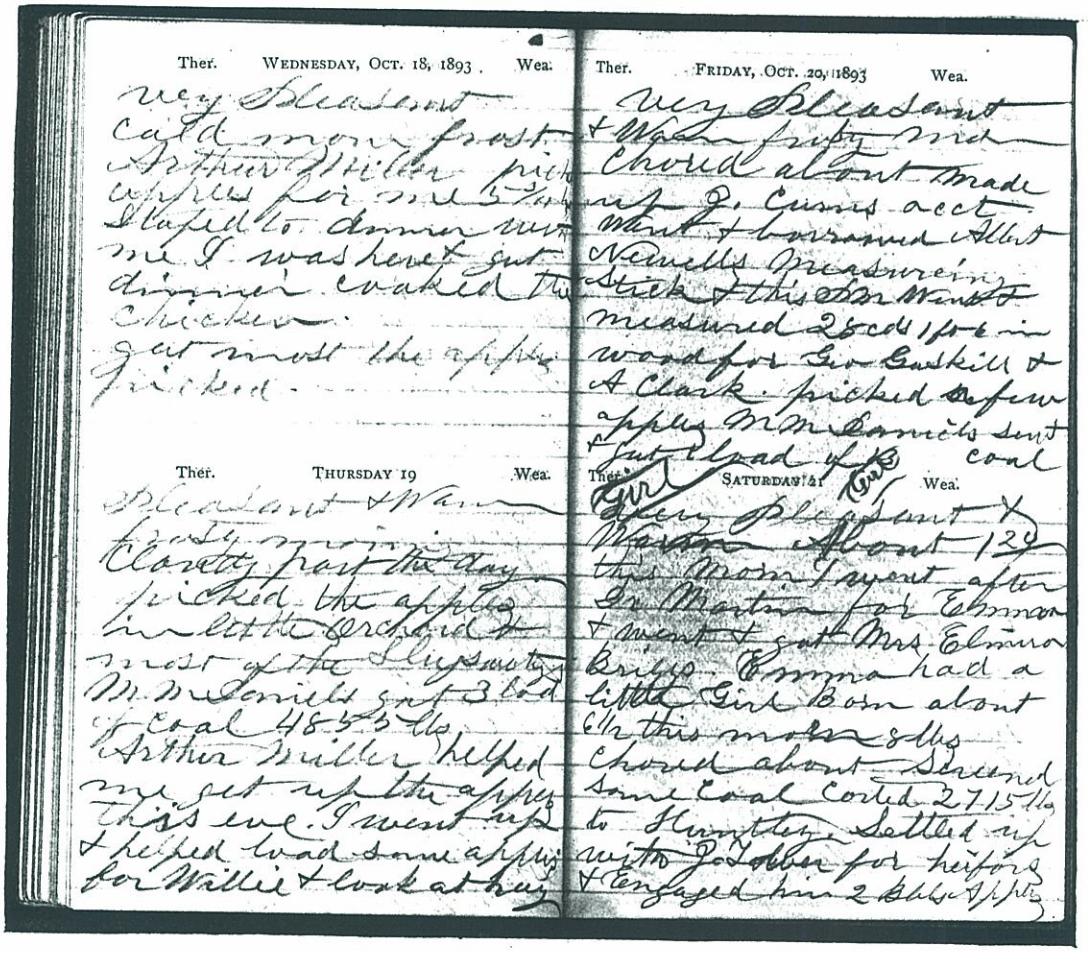
Pleasant most the day but windy. At home all day, cooler to night.

Monday, Oct. 16, 1893

Cloudy most the day & cool. Frost in morn. Arthur Miller picked apples for me all day. Took dinner with me. I got it made, clam chowder, 2 pies, brisket & _?_ bread & c & c. Picked Northern (5 bus) Spies & Baldwins, 1 bbl & a lot of the ground.

Tuesday 17

Very pleasant & frost morn but warm day. Ice in tubs this morn. Arthur Miller worked picking apples 8 ½ hs. I carried 1 load of 1300 of coal to Mr. Shepard. Elmer came home. He went to Geo. Crookses in P.M. to fix a clock. Went to Franklin this eve to stay with Geo. Gotchell, to get a basin in morn.



Wednesday, Oct. 18, 1893

Very pleasant, cold morn, frost. Arthur Miller picked apples for me 5 ¾ hs. Stoped to dinner with me. I was here & got dinner. Cooked two Chicken. Got most the apples picked.

Thursday, 19

Pleasant & warm, frosty morn. Cloudy part the day. Picked the apples in little orchard & most of the _?_ M.M. Daniels got 3 load of coal 4855 lbs. Arthur Miller helped me get up the apples this eve. I went up & helped load some apples for Willie & look at hay.

Friday, Oct. 20, 1893

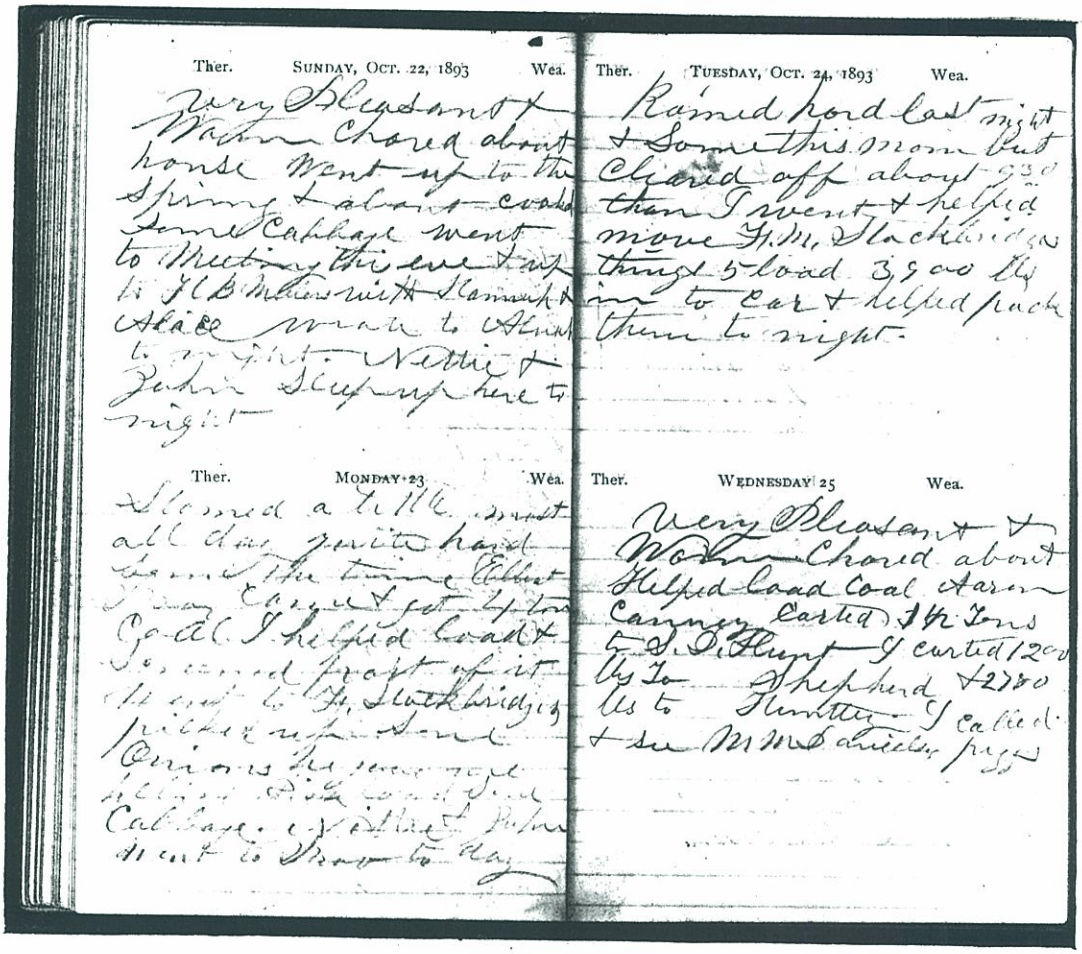
Very Pleasant & warm, frosty morn. Chored about. Made up J. Currens acct. Went & borrowed Albert Newells measuring stick & this P.M. went & measured 28 cords _?_ in woods for Geo. Gaskill & A. Clark. Picked a few apples. M. M. Daniels sent & got 1 load of coal.

Saturday 21

Girl

Very pleasant & warm. About 1:20 this morn, I went after Dr. Martin for Emma & went & got Mrs. Elmira Briggs. ***Emma had a little girl, born about 6 ½ this morn, 8 lbs.** Chored about. Screened some coal. Carted 2715 lbs to Huntley. Settled up with J. Tobin for heifors & engaged him 2 Bbls apples.

****Emma (Wadsworth) Young is Joseph Wadsworth's 1st child born in 1864. Peggy (Young) Marguerite, whose generous contribution of many of the family pictures found throughout these diaries, is the great granddaughter of Emma Young. Many of these family members reside in Franklin.***



Ther. SUNDAY, OCT. 22, 1893 Wea.

Very Pleasant & warm Chored about house Went up to the Spring & about cooked some Cabbage went to Meeting this eve & up to H B Millers with Hannah & Alice wrote to Alvah to night Nettie & John slept up here to night

Ther. MONDAY 23 Wea.

Stormed a little most all day quite hard some the time Ellen & [illegible] came & got 4 ton Coal I helped load & screened part of it went to F. Stockbridges picked up some Onions he gave me helped Dick hand seed Cabbage Nettie & John went to Prov to day

Ther. TUESDAY, OCT. 24, 1893 Wea.

Rained hard last night & some this morn but Cleared off about 9:30 than I went & helped move F. M. Stockbridges things 5 load 3900 lbs in to car & helped pack them to night.

Ther. WEDNESDAY 25 Wea.

Very Pleasant & warm Chored about Helped load Coal Aaron Canney carted 1½ tons to S. D. Hunt I carted 1200 lbs to Shepherd & 2780 lbs to Huntley I called & see M.M. Daniels pigs

Sunday, October 22, 1893

Very pleasant & warm. Chored about house. Went up to the spring & about. Cooked some cabbage. Went to meeting this eve & up to H. B. Millers. We, H. Hancock & Alice wrote to Alvah to night. Nettie & John slept up here to night.

Monday 23

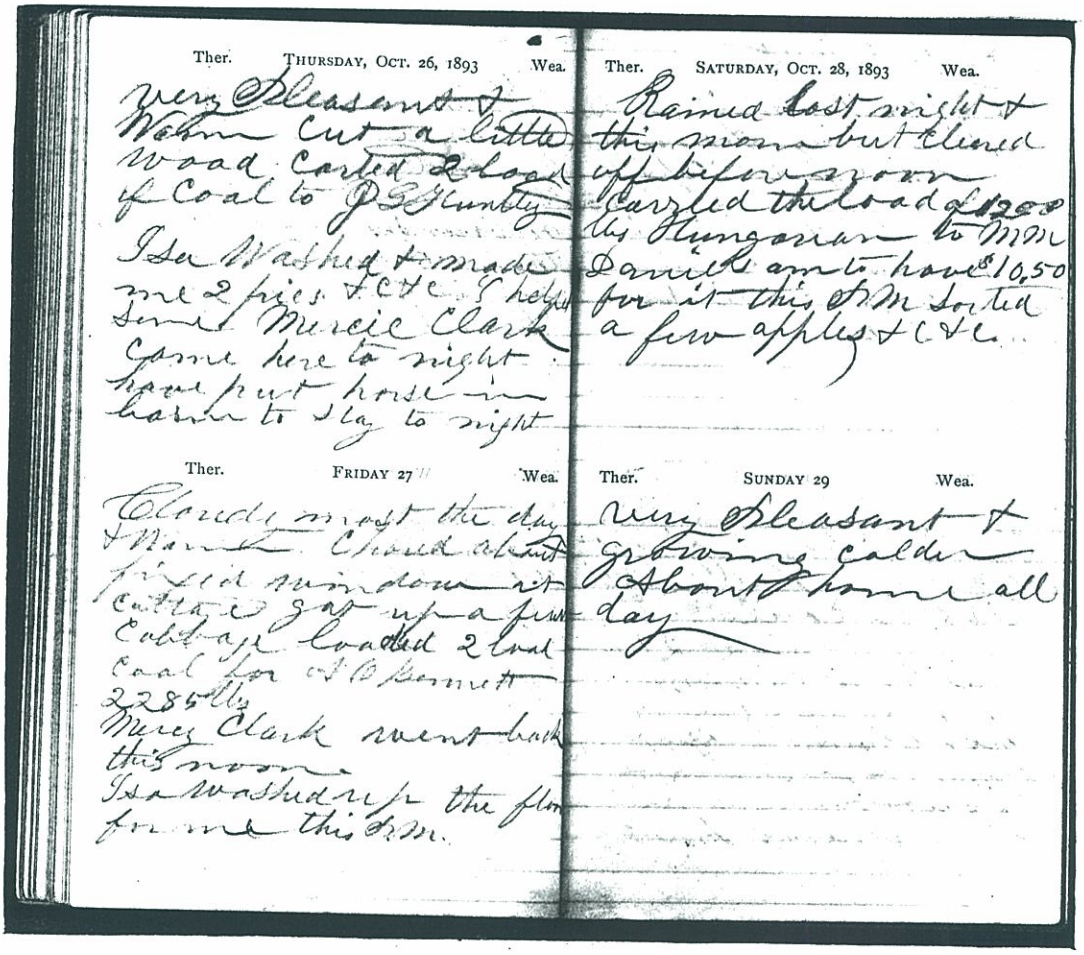
Stormed a little most all day, quite hard some the time. Ellen & _?_ came & got 4 ton coal. I helped load & screened part of it. Went to F. Stockbridges, picked up some onions he gave me. Helped Dick hand seed some cabbage. Nettie & John went to Prov. to day.

Tuesday, Oct. 24, 1893

Rained hard last night & some this morn but cleared off about 9:30, than I went & helped move F. M. Stockbridges things, 5 load, 3900 lbs in to car & helped pack them to night.

Wednesday 25

Very pleasant & warm. Chored about. Helped load coal. Aaron Canney carted 1 ½ tons to S. D. Hunt. I carted 1200 lbs to Shepherd & 2780 lbs to Huntley. I called & see M.M. Daniels pigs.



Thursday, Oct 26, 1893

Very pleasant & warm. Cut a little wood. Carted 2 loads of coal to J. G. Huntley.
Isa washed & made me 2 pies & c & c. I helped some.
Mercie Clark came here to night. Have put horse in barn to stay to night.

Friday 27

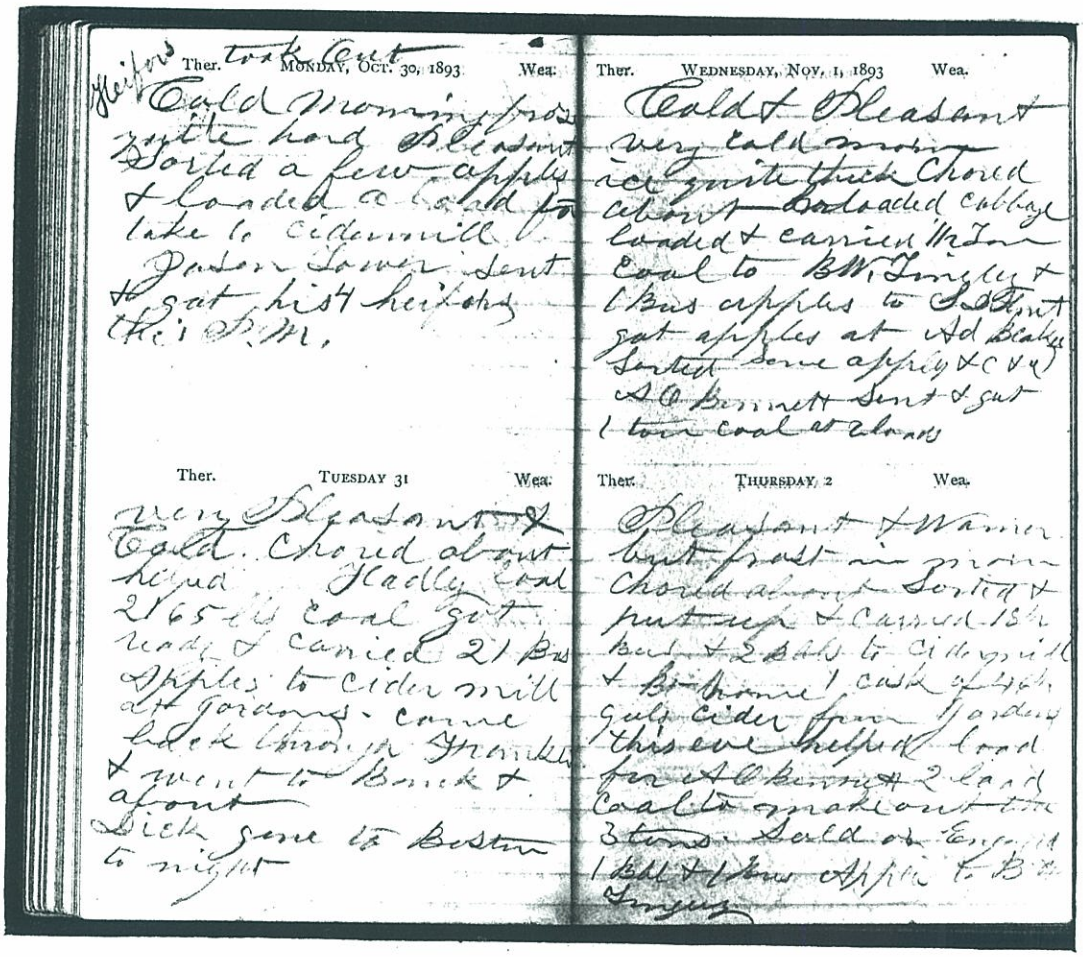
Cloudy most the day & warm. chored about. Fixed window at cottage. Got up a few cabbage. Loaded 2 load coal for A. O. Bennett, 2285 lbs.
Isa washed up the floor for me this P.M.

Saturday, Oct. 28, 1893

Rained last night & this morn but cleared off before noon. Carried the load of 1200 lbs Hungarian to M. M. Daniels am to have $10.50 for it. This P.M. sorted a few apples & c & c.

Sunday 29

Very pleasant & growing colder. About home all day.



Monday, Oct. 30, 1893

Heifers took out

Cold morning, frost quite hard. Pleasant. Sorted a few apples & loaded a load to take to cider mill. Jason Tower sent & got his 4 heifers this P.M.

Tuesday 31

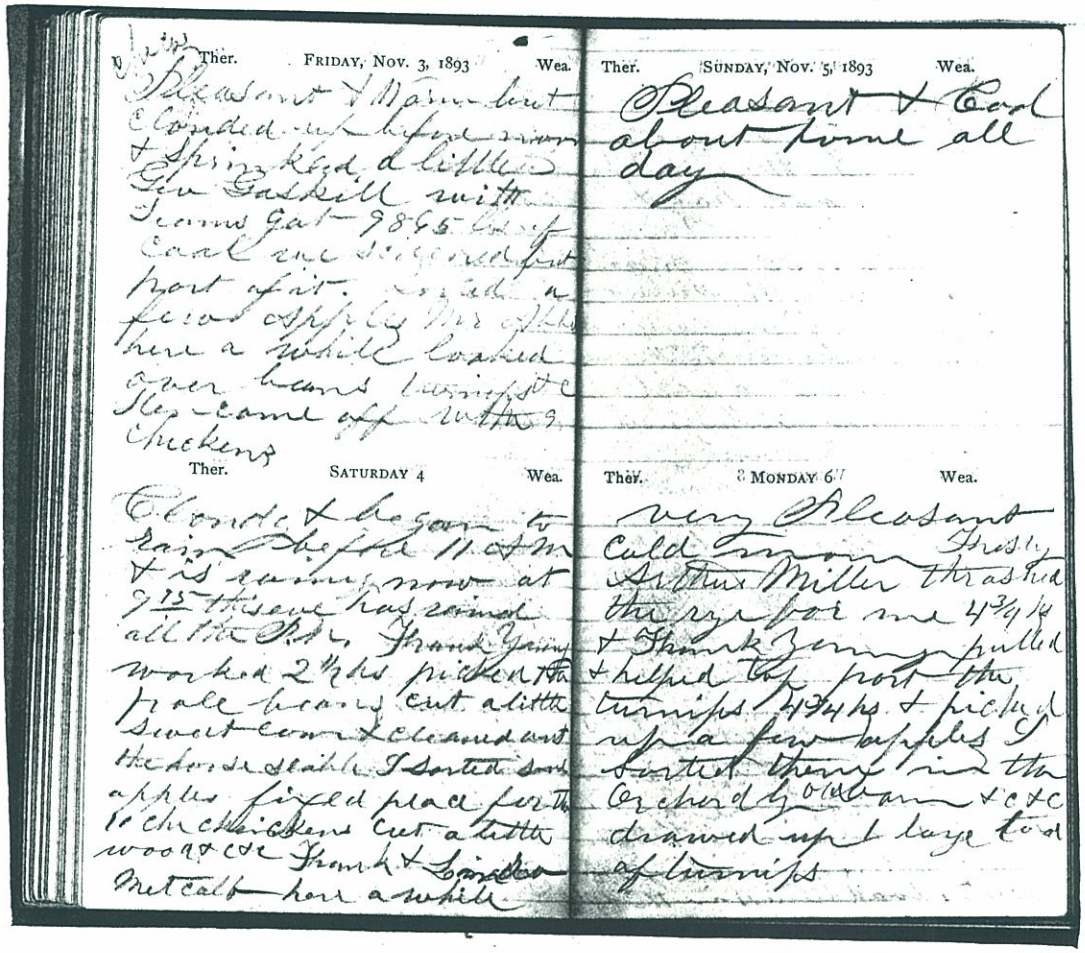
Very pleasant & cold. Chored about. Helped Hadley load 2165 lbs coal. Got ready & carried 21 Bus apples to cider mill at Jordans. Came back through Franklin & went to Bank & about. Dick gone to Boston to night.

Wednesday, Nov 1, 1893

Cold & pleasant. Very cold morn, ice quite thick. Chored about. _?_ cabbage. Loaded & carried ½ ton coal to B. W. Tingley & 1 Bus apples to S.D.Hunt. Got apples at Ad Blakes. Sorted some apples & c & c. A.O. Bennett sent & got 1 ton coal _?_ 2 loads.

Thursday 2

Pleasant & warm but frost in morn. Chored about. Sorted & put up & carried 18bus & 2 bbls to cider mill & brought home 1 cask of 46 ½ gals cider from Jordans this eve. Helped & loaded for A.O. Bennett 2 load coal to make out the 3 tons. Sold or engaged 1 bbl & 1 bus Apples to B.W. _?_.



Ther. FRIDAY, Nov. 3, 1893 Wea.

Pleasant & Warm but clouded up before noon & sprinkled a little. Geo Gaskill with teams got 9865 lbs of coal we screened but part of it. Shorted a few apples Mr. About here a while looked over beans tonight &c Hen came off with 9 chickens

Ther. SATURDAY 4 Wea.

Cloudy & began to rain before 11 A.M. & is raining now at 9 15 this eve has rained all the P.M. Frank Young worked 2 ½ hs picked the pole beans cut a little sweet corn & cleaned out the horse stable I sorted some apples fixed place for the 10 chickens cut a little wood &c &c Frank & Linda Metcalf here a while

Ther. SUNDAY, Nov. 5, 1893 Wea.

Pleasant & Cool about home all day

Ther. MONDAY 6 Wea.

very Pleasant Cold morn Frosty Arthur Miller thrashed the rye for me 4 3/4 hs & Frank Young pulled & helped top part the turnips 4 3/4 hs & picked up a few apples I sorted them in the Orchard by old barn &c &c drawed up 1 large load of turnips

Friday, Nov. 3, 1893

chicks

Pleasant & warm but clouded up before noon & sprinkled a little. Geo. Gaskill with teams got 9865 lbs of coal. We screened but part of it. Shorted a few apples. Mr. About here a while. Looked over beans tonight & c. Hen came off with 9 chickens.

Saturday 4

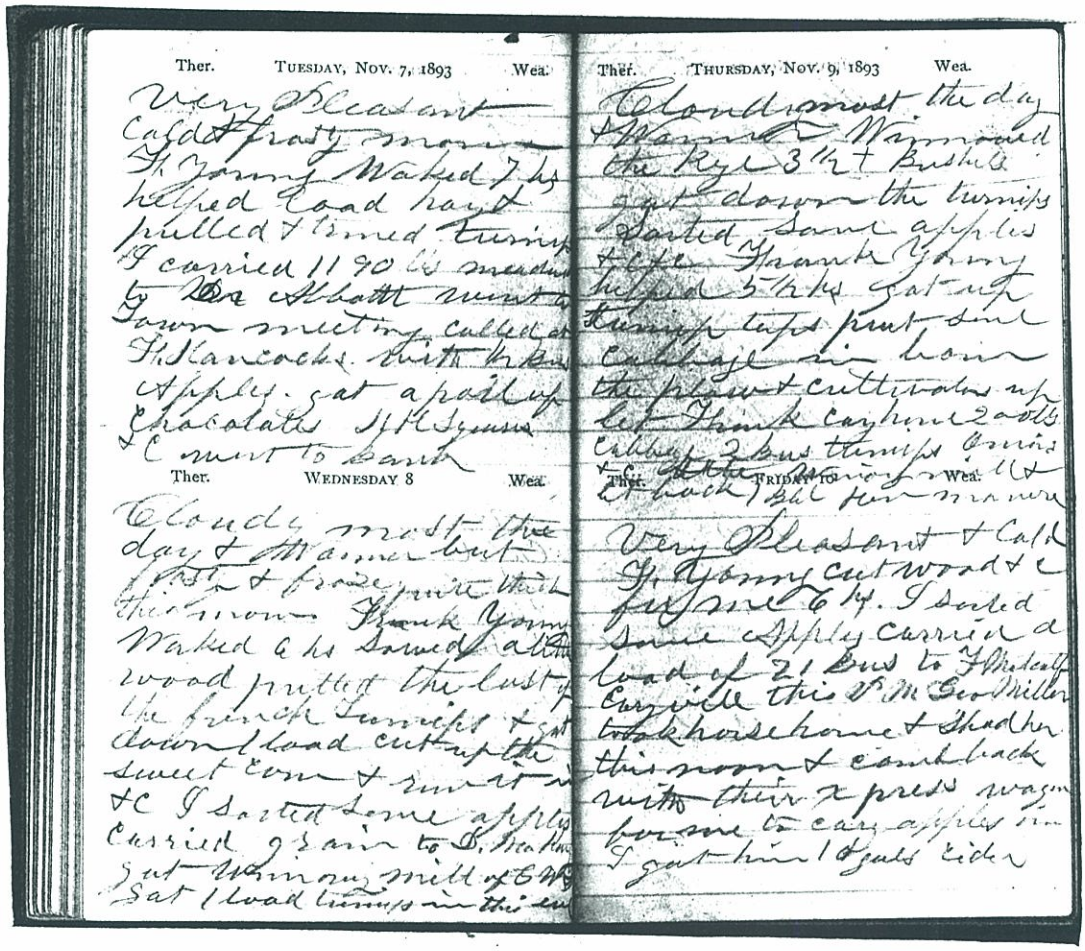
Cloudy & began to rain before 11 A.M. & is raining now at 9:15 this eve. Has rained all the P.M. Frank Young worked 2 ½ hs. Picked the pole beans, cut a little sweet corn & cleaned out the horse & stable. I sorted some apples, fixed place for the 10 chickens. Cut a little wood & c & c. Frank & Linda Metcalf here a while.

Sunday, Nov. 5, 1893

Pleasant & cool. About home all day.

Monday 6

Very pleasant, cold morn, frosty. Arthur Miller thrashed the rye for me 4 ¾ hs & Frank Young pulled & helped top part the turnips 4 ¾ hs & picked up a few apples. I sorted them in the orchard by old barn & c & c. Drawed up 1 large load of turnips.



Tuesday, Nov. 7, 1893

Very pleasant , cold & frosty morn. F. Young worked 7 hs. Helped load hay & pulled & trimmed turnips. I carried 1190 lbs meadow to Dr. Abbott. Went to town meeting. Called at F. Hancocks with ½ bus apples. Got a pail of chocolates, H. H. Squires & c. Went to Bank.

Wednesday 8

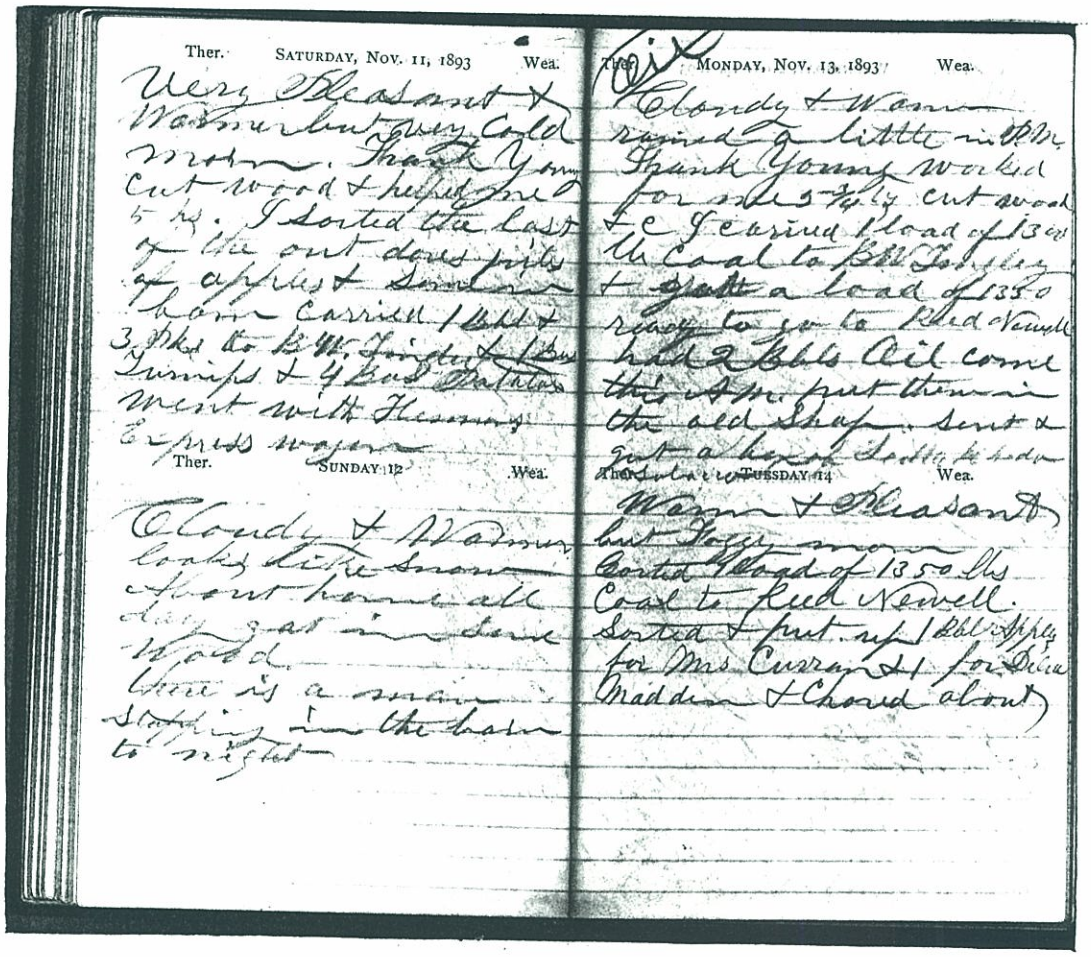
Cloudy most the day & warmer but frosty & froze quite thick this morn. Frank Young worked 6 hours. Sawed a little wood. Pulled the last of the French turnips & got down 1 load. Cut up the sweet corn & run it in & c. I shorted some apples, Carried grain to D. Mahoney. Got winnow mill of G. W.F. Got 1 load turnips in this eve.

Thursday, Nov. 9, 1893

Cloudy most the day & warmer. Winnowed the rye 3 ½ Bushels. Got down the turnips. Sorted some apples & c & c. Frank Young helped 5 ½ hs. Got up turnip tops, put some cabbage in barn. The plow & _?_ up. Let Frank _?_ have 200 lbs cabbage, 2 bus turnips, onions & c. *(Cannot read last two sentences.)*

Friday 10

Very pleasant & cold. F. Young cut wood & c. for me 6 hs. I sorted some apples, carried a load of 21 bus to F. Metcalf, Caryville. This P.M. Geo Miller took horse home & shad her this noon & came back with their xpress wagon for me to carry apples in. I got him 10 gals cider.



Saturday, Nov. 11, 1893

Very pleasant & warmer but very cold morn. Frank Young cut wood & helped me 5 hs. I sorted the last of the out dores piles of apples & some in barn. Carried 1 bbl & 3 pks to B. W. Tingley & 1 bus turnips & 4 bus potatoes. Went with Hermons Express wagon.

Sunday 12

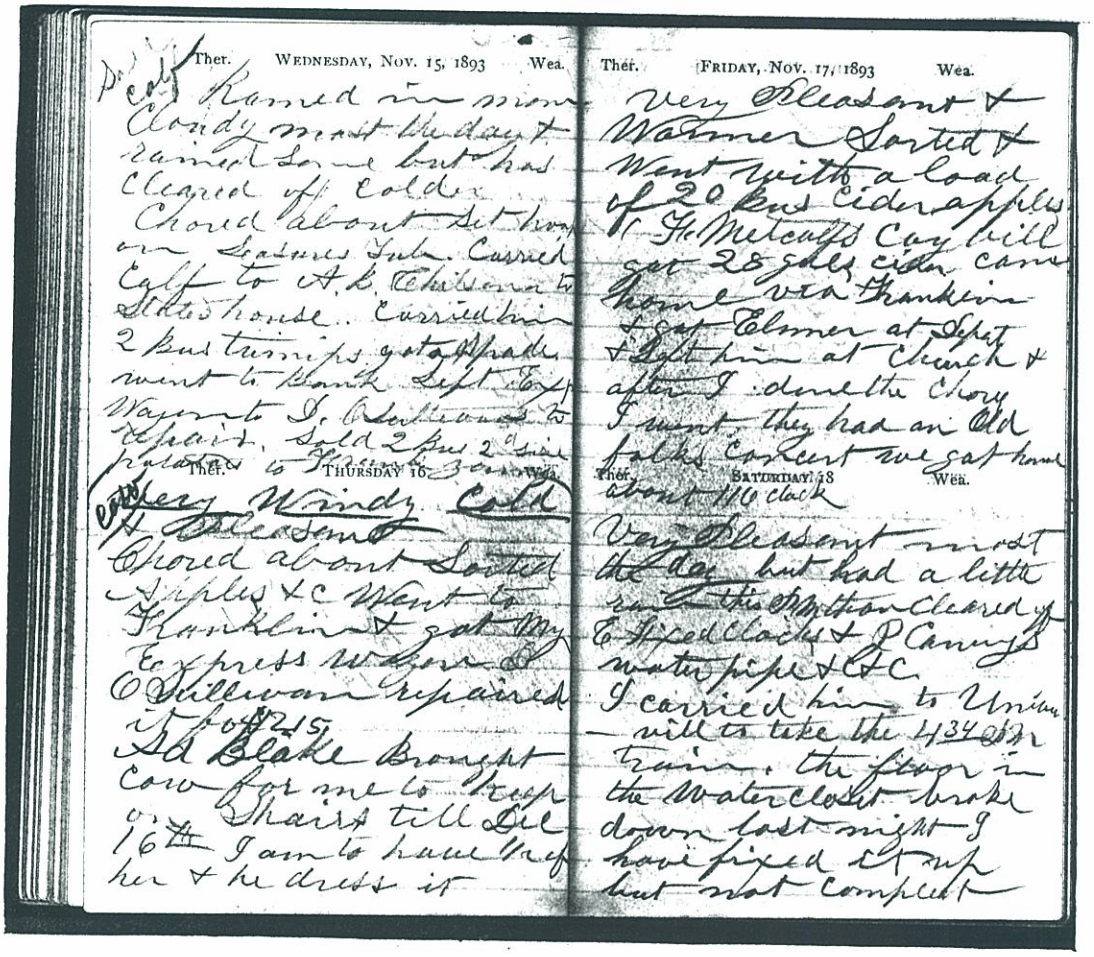
Cloudy & warm, looks like snow. About home all day. Got in some wood.
There is a man stopping in the barn to night.

Monday, Nov. 13, 1893

Oil
Cloudy & warm, rained a little in P.M. Frank Young worked for me 5 ¾ hs, cut wood & c. I carried 1 load of 1300 lbs coal to B. W. Tingley & got a load of 1350 ready to go to Reed Newell. Had 2 Bbls oil come this A.M. Put them in the old shop. Sent & got a _?_ _?_ tobacco.

Tuesday 14

Warm & pleasant but foggy morn. Carted load of 1350 lbs coal to Reed Newell. Sorted & put up 1 bbl apples for Mrs. Curran & 1 for Delia Madden & chored about.


Ther. WEDNESDAY, NOV. 15, 1893 Wea.
Sold calf Rained in morn
Cloudy most the day &
rained some but has
Cleared off Colder
Chored about Set hoop
on Leasures Tub. Carried
Calf to A. B. Chilson to
Slaughter house. Carried him
2 bus turnips got a Spade
went to Bank Left Exp
Wagon to D. O. Sullivans to
repair. Sold 2 bus 2d size
potatoes to Frank Young 30
Ther. THURSDAY 16 Wea.
Very Windy Cold
& Pleasant
Chored about Sorted
Apples &c Went to
Franklin & got My
Express wagon D.
O Sullivan repaired
it for $2.15
Ad Blake Brought
Cow for me to keep
on Shairs till Dec
16th I am to have ½
her & he dress it
Ther. FRIDAY, NOV. 17, 1893 Wea.
Very Pleasant &
Warmer Sorted &
Went with a load
of 20 bus Cider apples
to F. Metcalfs Cary ville
got 28 gals cider came
home via Franklin
& got Elmer at Depot
& left him at Church &
after I done the Chores
I went they had an Old
folks Concert we got home
about 11 o'clock
Ther. SATURDAY 18 Wea.
Very Pleasant most
the day but had a little
rain this P.M. Cleared off
E. fixed Clocks & J. Cannery's
water pipe &c &c
I carried him to Union
ville to take the 4.34 P.M.
train. the floor in
the Water closet broke
down last night I
have fixed it up
but not complete

Wednesday, Nov. 15, 1893

Sold calf

Rained in morn. Cloudy most the day & rained some but has cleared off, colder. Chored about. Set hoop on Leasures tub. Carried calf to A. B. Chilson to slaughter house. Carried him 2 bus turnips. Got a spade. Went to bank. Left express wagon to D. O. Sullivans to repair. Sold 2 bus, 2nd _?_ potatoes to Frank Young.

Thursday 16

Cow

Very windy cold & pleasant. Chored about. Sorted apples & c. Went to Franklin & got my express wagon of D. O. Sullivan repaired it for $2.15.

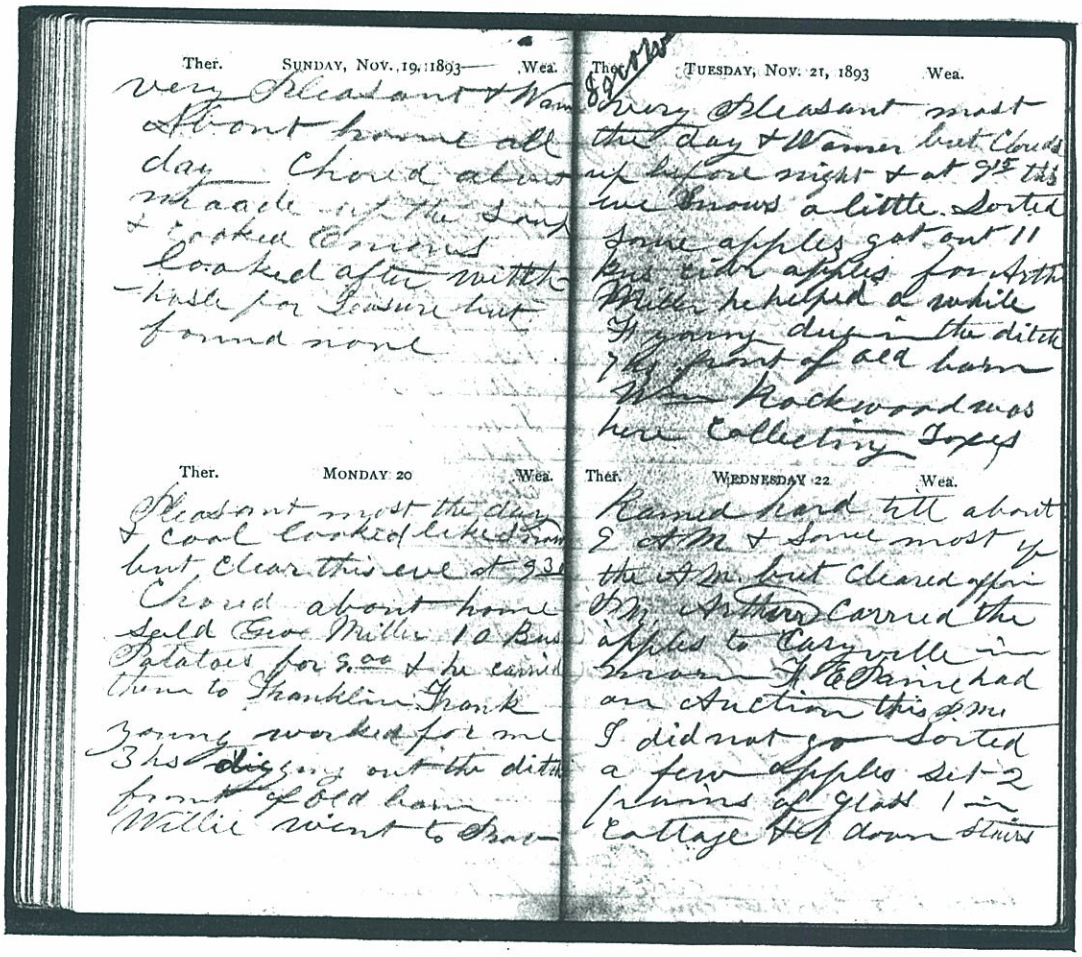
Ad Blake brought cow for me to keep on shairs till Dec. 16th. I am to have ½ of her & he dress it.

Friday, Nov. 17, 1893

Very pleasant & warmer. Sorted & went with a load of 20 bus cider apples to F. Metcalfs, Caryville. Got 28 gals cider. Came home via Franklin & got Elmer at Depot & left him at church & after I done the chores, I went. They had an old folks concert. We got home about 11 o'clock.

Saturday 18

Very pleasant most the day but had a little rain this P.M., than cleared off. E. fixed clocks & J. Cannery's water pipe & c & c. I carried him to Unionville to take the 4:34 P.M. train. **The floor in the water closet broke down last night. I have fixed it up but not complete**.



Sunday, Nov 19, 1893

Very pleasant & warm. About home all day. Chored about, made up the soup & cooked onions. Looked after witch hassle for Leasure but found none.

Monday 20

Pleasant most the day & cool, looked like rain but clear this eve at 9:30. Chored about home. Sold Geo. Miller 10 Bus potatoes for $9.00 & he carried them to Franklin. Frank Young worked for me 3 hs dinging out the ditch front of old barn. Willie went to Prov.

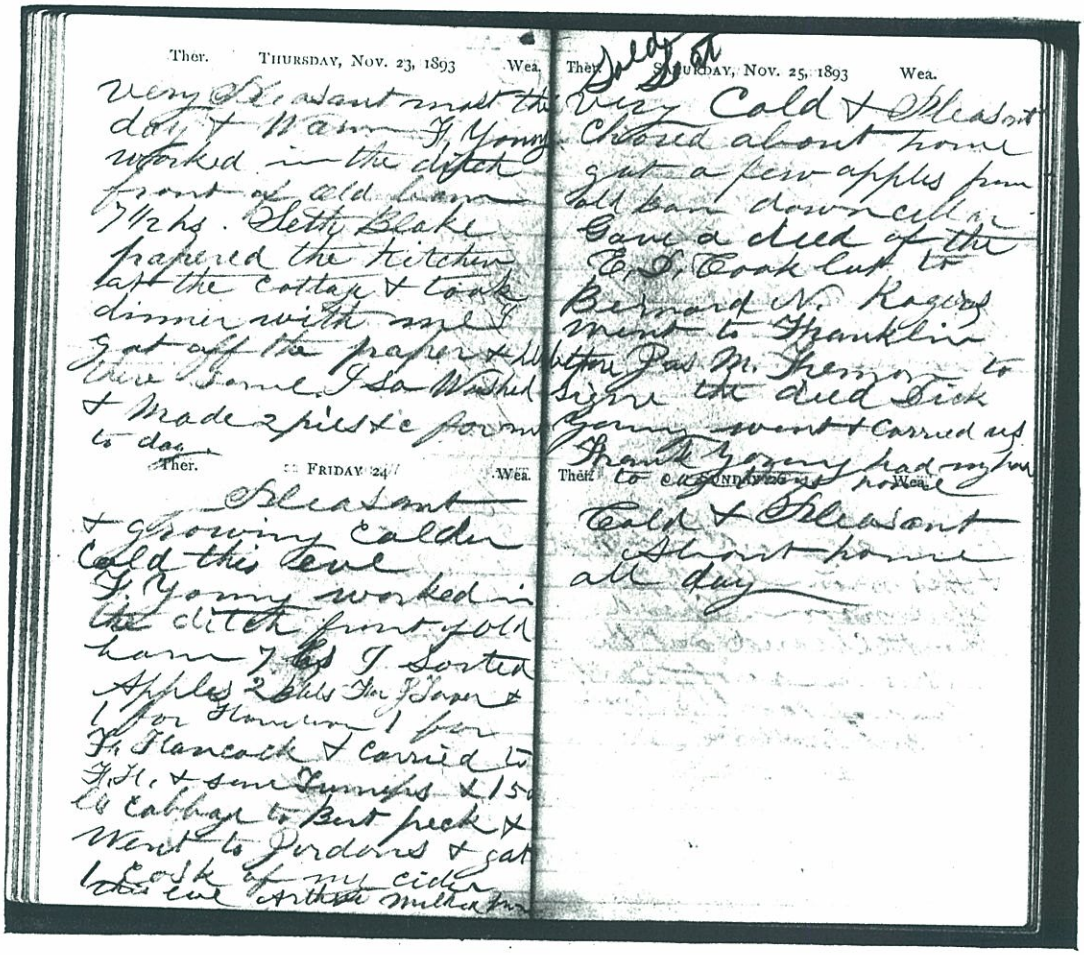
Thursday, Nov. 23, 1893

_?_

Very Pleasant most the day & warm but clouded up before night & at 9:15 this eve, snows a little. Sorted some apples, got out 11 bus cider apples for Arthur Miller. He helped a while. F. Young dug in the ditch 7 hs front of old barn. Wm. Rockwood was here collecting taxes.

Wednesday 22

Rained hard till about 9 A.M. & some most of the A.M. but cleared after P.M. Arthur carried the apples to Caryville in morn. F. E. Paine had an auction this P.M. I did not go. Sorted a few apples. Set 2 frames of glass, 1 in cottage & 1 down stairs.



Thursday, Nov 23, 1893

Very pleasant most the day & warm. F. Young worked in the ditch front of old barn 7 ½ hs. Seth Blake papered the kitchen at the cottage & took dinner with me. Got off the papers & _?- there some. Isa worked & made 2 pies & c. for me to day.

Friday 24

Pleasant & growing colder. Cold this eve. F. Young worked in the ditch front of old barn 7 hs. I sorted apples, 2 bbls for J. Tower & 1 for _?_, 1 for F. Hancock & carried to F.H. & some turnips & 15 lbs cabbage to Bert Peck & went to Jordans & got 1 cask of my cider this eve. Arthur milked for me.

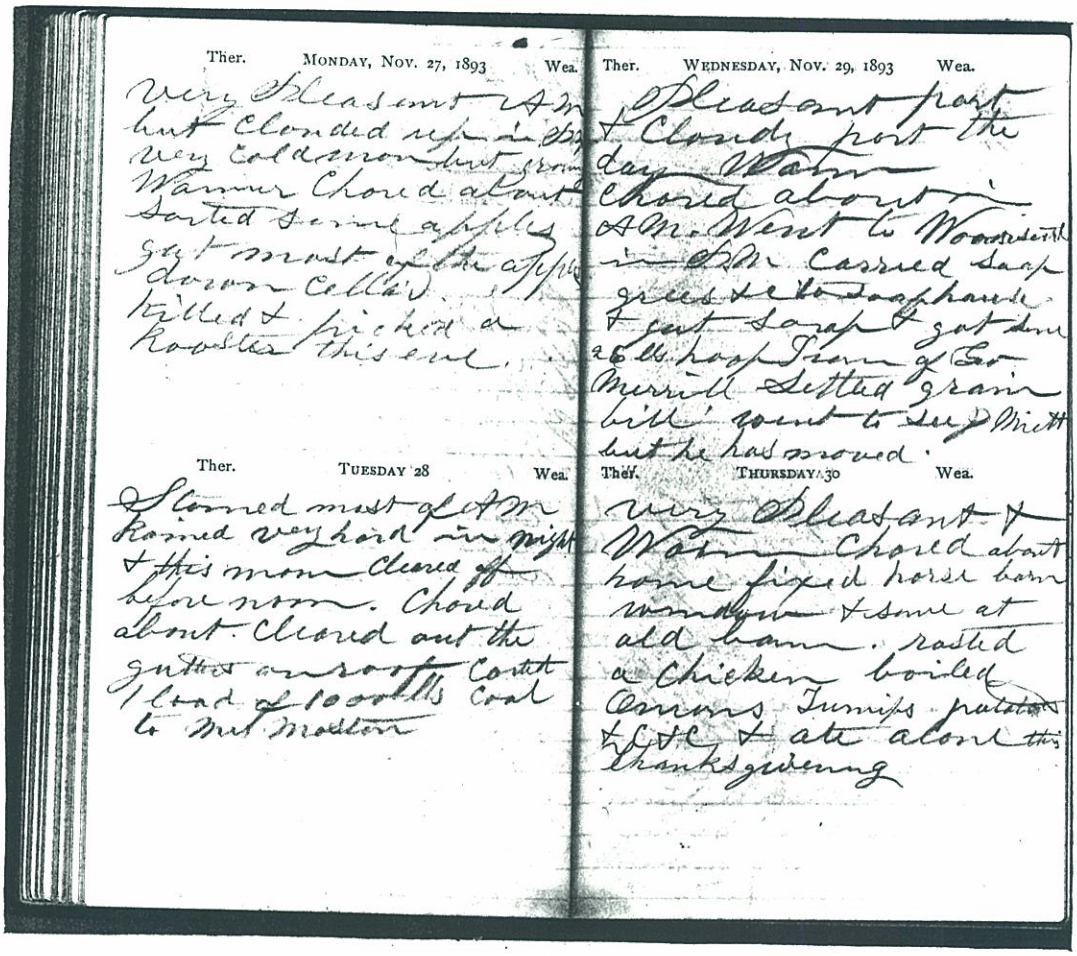
Saturday, Nov. 25, 1893

Sold Lot

Very cold & pleasant. Chored about home. Got a few apples from old barn down cellar. **Gave a deed of the E. D. Cook lot to Bernard N. Rogers.** Went to Franklin before Jos. M. Freman to sign the deed. Dick Young went & carried us. Frank Young had my horse to carry us home.

Sunday 26

Cold & pleasant. About home all day.



Ther. MONDAY, NOV. 27, 1893 Wea.

Very Pleasant A.M. but Clouded up in P.M. very Cold morn but grow Warmer Chored about Sorted some apples got most of the apples down Cellar. Killed & picked a Rooster this eve.

Ther. TUESDAY 28 Wea.

Stormed most of A.M. Rained very hard in night & this morn Cleared off before noon. Chored about. Cleared out the gutters on roof Carted 1 load of 1000 lbs Coal to Mrs Maston

Ther. WEDNESDAY, NOV. 29, 1893 Wea.

Pleasant part & Cloudy part the day Warm Chored about in A.M. Went to Woonsocket in P.M. Carried soap grees &c to soap house & got soap & got some 26 lb. hoop Iron of Geo Merrill Settled grain bill. went to see J Miett but he has moved.

Ther. THURSDAY 30 Wea.

very Pleasant & Warm Chored about home fixed horse barn window & some at old barn. roasted a Chicken boiled Onions Turnips potatoes &c & ate alone this Thanksgiving

Monday, Nov. 27, 1893

Very pleasant A.M. but clouded up in P.M. Very cold morn but growing warmer. Chored about. Sorted some apples. Got most of the apples down cellar. Killed & picked a Rooster this eve.

Tuesday 28

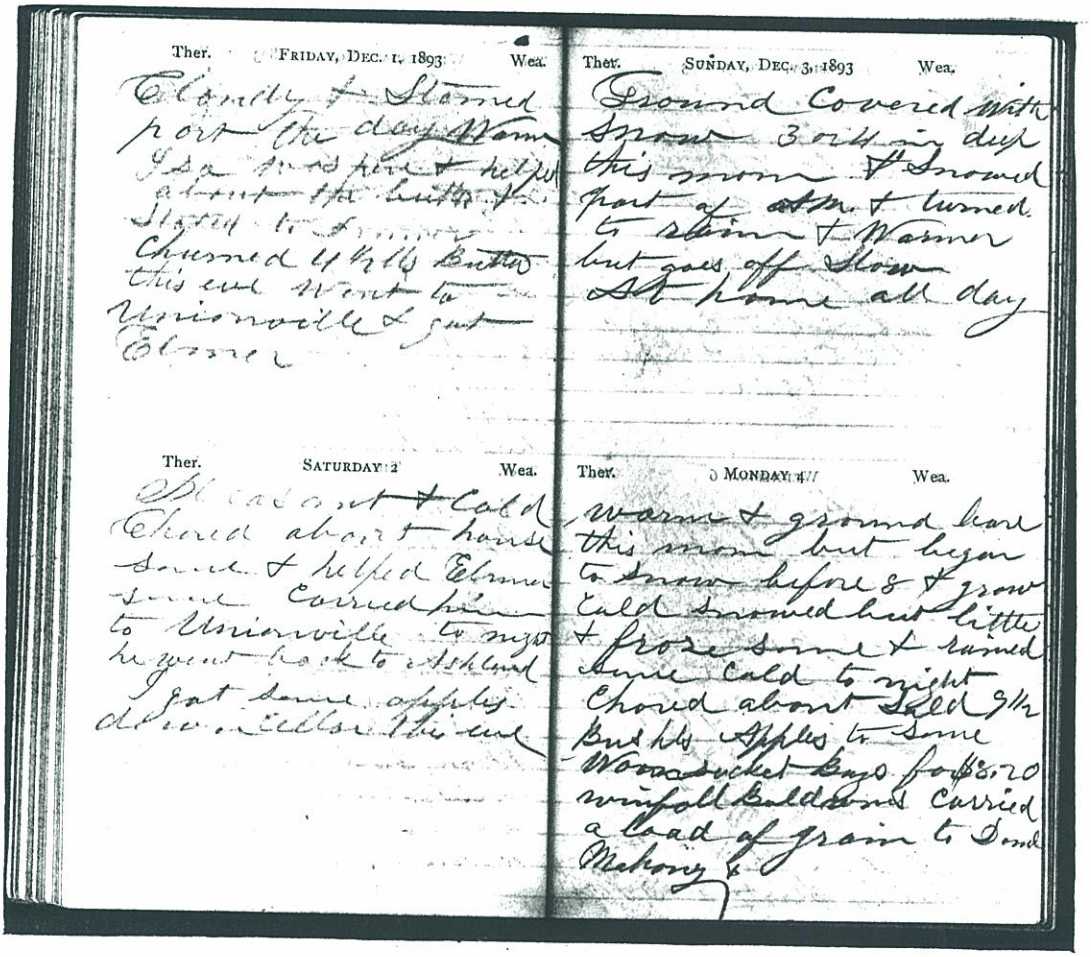
Stormed most of A.M. Rained very hard in night & this morn. Cleared off before noon. Chored about. Cleared out the gutters on roof. Carted 1 load of 1000 lbs coal to Mrs. Maston.

Wednesday, Nov 29, 1893

Pleasant part & cloudy part the day. Warm. Chored about in A.M. Went to Woonsocket in P.M. Carried soap grees & c to soap house & got _?- & got some 26 lbs Hoops. _?_ of Geo. Merrill. Settled grain bill. Went to see J. Miett but he has moved.

Thursday 30

Very pleasant & warm. Chored about home. Fixed horse barn window & some at old barn. **Roasted a chicken, boiled onions, turnips, potatoes & c & c & ate alone this Thanksgiving.**



Friday, Dec. 1, 1893

Cloudy & stormed part the day. Warm. Isa was here & helped about the butter & stayed to dinner. Churned 4 ½ lbs butter this eve. Went to Unionville & got Elmer.

Saturday 2

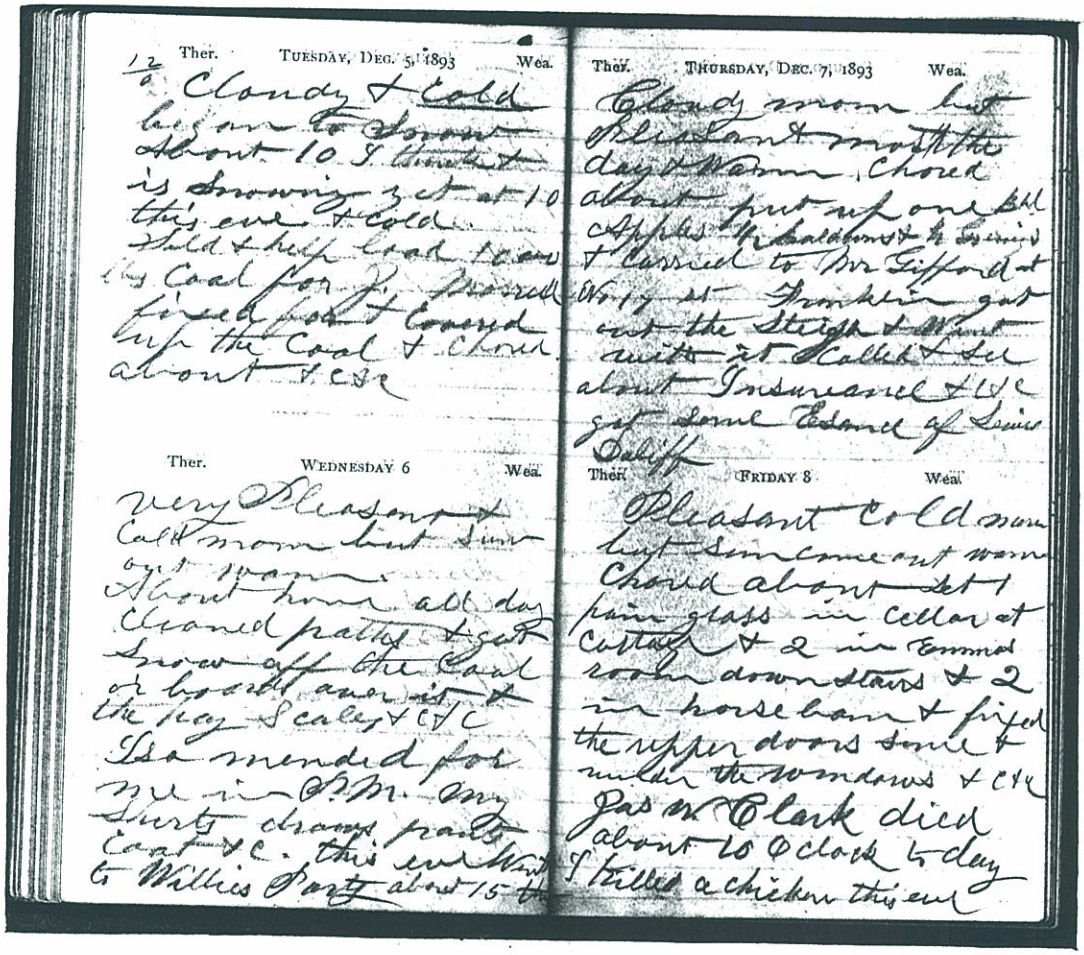
Pleasant & cold. Chored about house some & helped Elmer some. Carried him to Unionville to night. He went back to Ashland. I got some apples down cellar this eve.

Sunday, Dec. 3, 1893

Ground covered with snow, 3 or 4 in. deep this morn & snowed part of A.M. & turned to rain & warmer but goes off slow. At home all day.

Monday 4

Warm & ground bare this morn but began to snow before 8 & grew cold. Snowed but little & froze some & rained some, cold to night. Chored about. Sold 9 ½ bus apples to some Woonsocket boys for $8.20, Winfold Baldwins. Carried a load of grain to Daniel Mahoney.



Tuesday, Dec. 5, 1893

12/0

Cloudy & cold. Began to snow about 10. I think it is snowing yet at 10 this eve & cold. Sold & help load 1000 lbs coal for J. Morrell. Fixed for & covered up the coal & chored about & c & c.

Wednesday 6

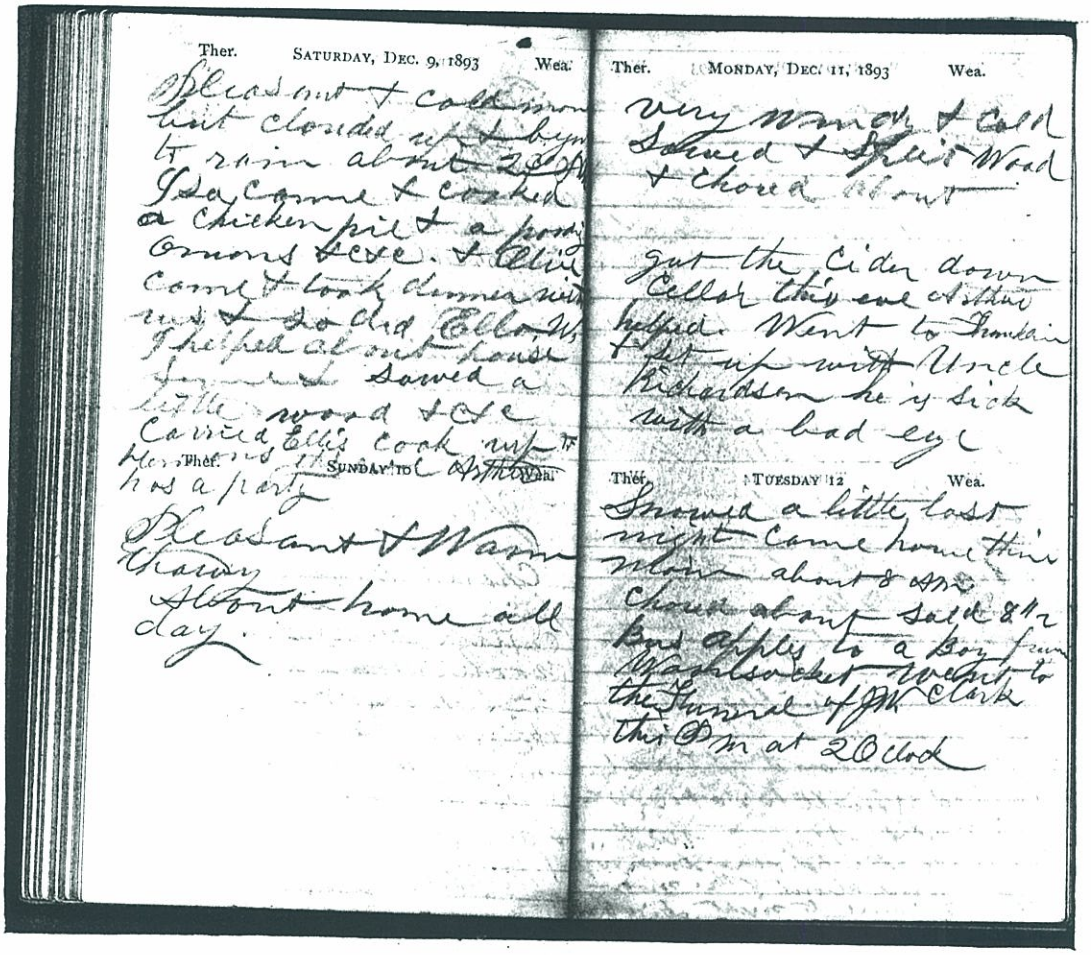
Very pleasant cold morn but sun out, warm. About home all day, cleaned paths & got snow off the coal or board over it & the day scales & c & c. Isa mended for me in P.M. My shirts, draws, pants, coat & c. **This eve went to Willies party, about 15 there.**

Tuesday, Dec 7, 1893

Cloudy morn but pleasant most the day & warm. Chored about, put up one bbl apples ½ Baldwins & ½ Gravins & carried to Mr. Gifford at No 17 St Franklin. Got out the sleigh & went with it. Called & see about Insurance & c & c. Got some Essence of Lewis Daliff.

Friday 8

Pleasant cold morn but sun cam out, warm. Chored about. Set 1 pain glass in cellar at cottage & 2 in Emma's room downstairs & 2 in horse barn & fixed the upper doors some & _?_ the windows & c & c. Jas. W. Clark died about 10 o'clock to day. I killed a chicken this eve



Saturday, Dec. 9, 1893

Pleasant & cold morn but clouded up & began to rain about 2:30 P.M. Isa came & cooked a chicken pie & a _?_ onions & c & c & Olive came & took dinner with us & so did Ella W. I helped about house some & sawed a little wood & c & c. Carried Ellis Cook up to Hermons this eve. Arthur has a party.

Sunday 10

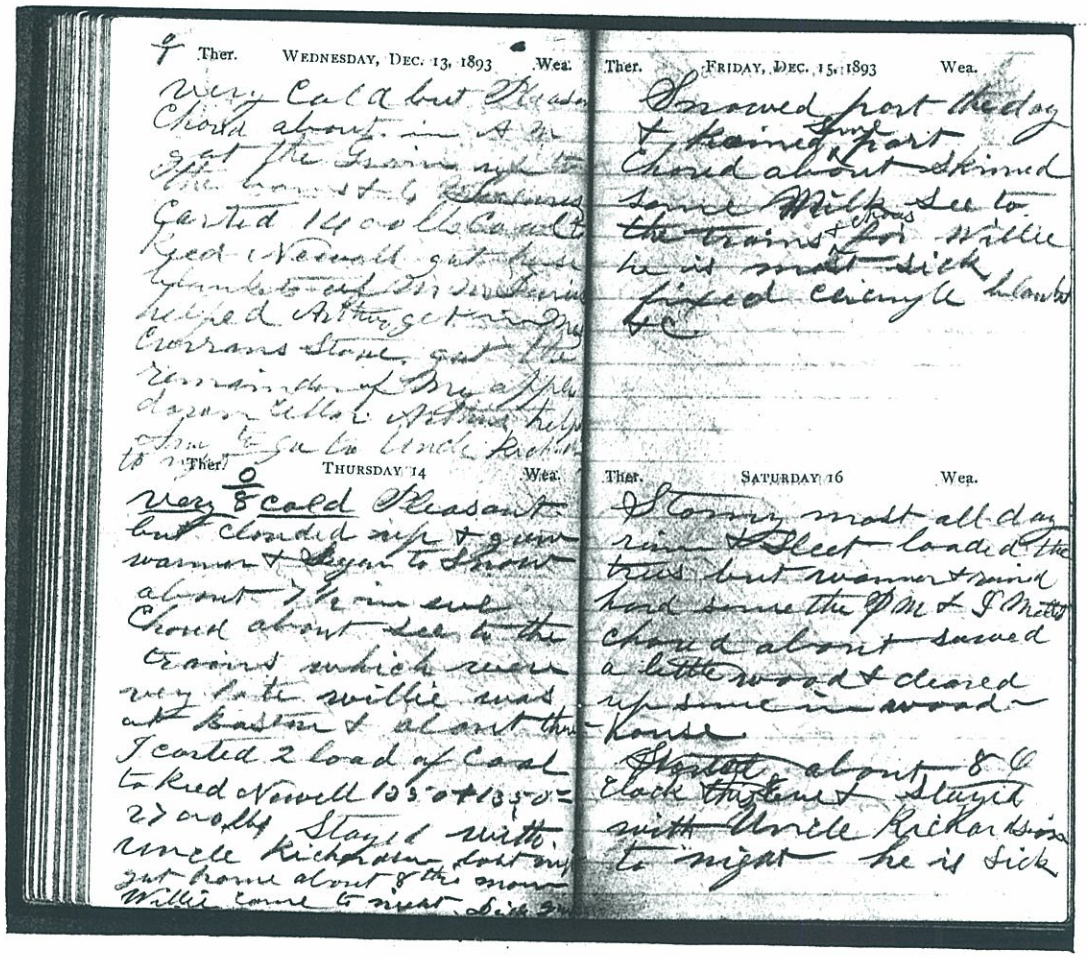
Pleasant & warm, thawy. About home all day.

Monday, Dec. 11, 1893

Very windy & cold. Sawed & split wood & chored about.
Got the cider down cellar this eve, Arthur helped. Went to Franklin & set up **with Uncle Richardson, he is sick with a bad eye.**

Tuesday 12

Snowed a little last night. Came home this morn about 8 A.M. Chored about. Sold 8 ½ bus apples to a boy from Woonsocket. Went to the Funeral of J. W. Clark this P.M. at 2 o'clock.



Wednesday, Dec. 13, 1893

0/1

Very cold but pleasant. Chored about in a.M. Got the grain up to the barn & to Leasures. Carted 1400 lbs coal to Reed Newell . Got horse blankets of M. M. During. Helped Arthur get in Mrs. Currans stove. Got the remainder of my apples down cellar. Arthur helped. **Am to go to Uncle Richardsons to night**.

Thursday 14

0/8

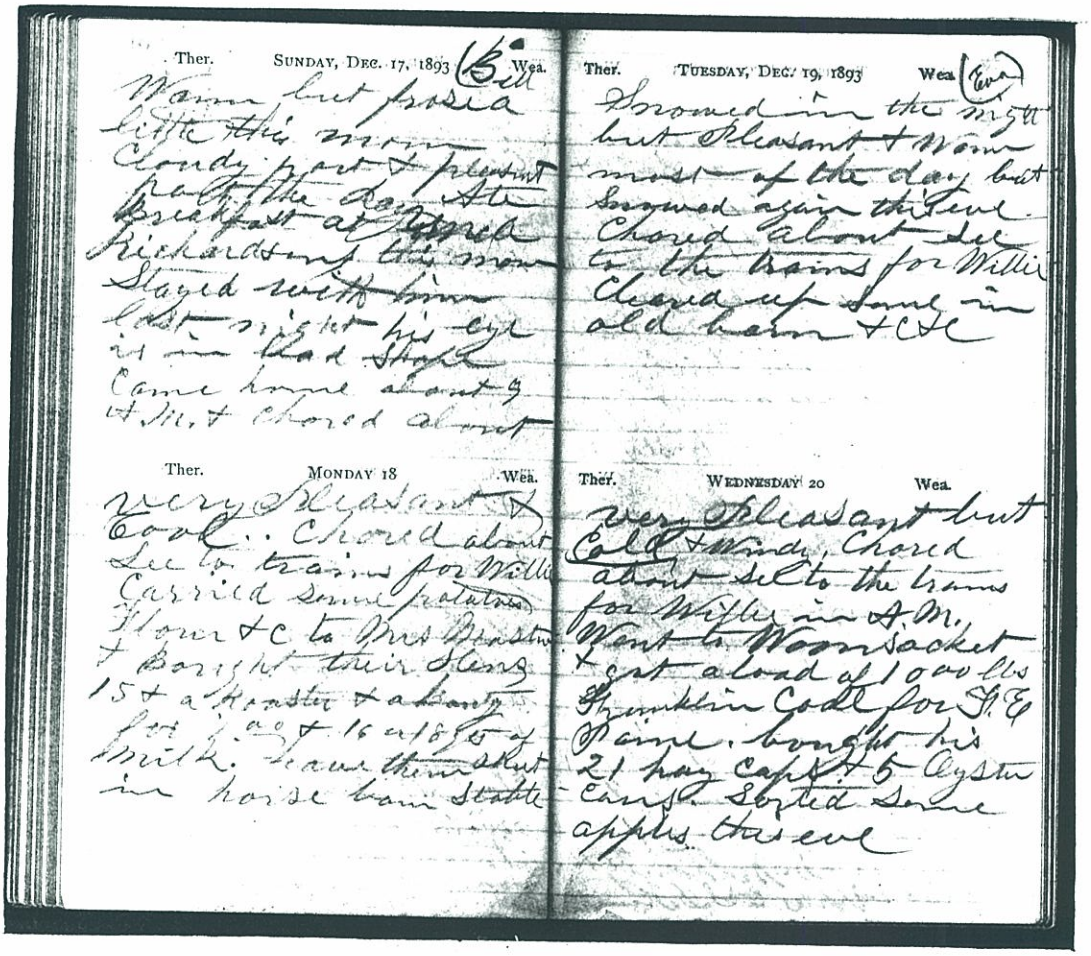
Very cold pleasant but clouded up & grew warmer & began to snow about 7 ½ in eve. Chored about. See to the trains which were very late. Willie was at Boston & about there. I carted 2 load of coal to Reed Newell 1250 & 1350, 2700 lbs. **Stayed with Uncle Richardson last night**. Got home about 8 this morn. Willie came to night
Dick _?_.

Friday, Dec. 15, 1893

Snowed part the day & rained some part. Chored about, skimmed some milk. **See to the trains & chores for Willie. He is most sick.** Fixed _?_ blanket & c.

Saturday 16

Stormy most all day, rain & sleet, loaded the trees but warmer & rained hard some the P.M. & ice melted. Chored about, sawed a little wood & cleared up some in wood house.
Started about 8 o'clock this eve & **stayed with Uncle Richardson to night. He is sick.**



Sunday, Dec. 17, 1893

Warm but froze a little this morn. Cloudy part & pleasant part the day. **Ate breakfast at Uncle Richardson's this morn. Stayed with him last night. His eye is in bad shape.** Came home about 9 A.M. & chored about.

Tuesday, Dec. 19. 1893

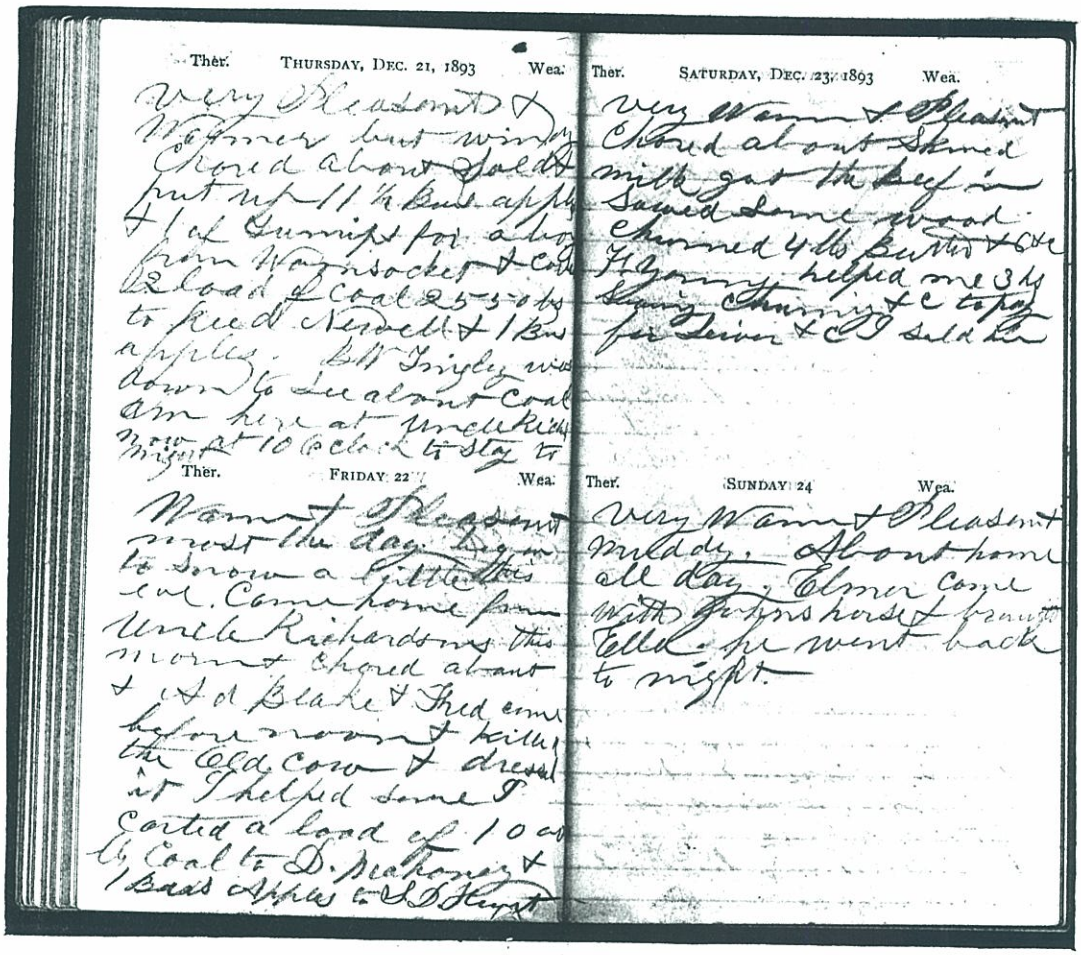
Snowed in the night but pleasant & warm most of the day but snowed again this eve. Chored about. See to the trains for Willie. Cleared up some in old barn & c & c.

Monday 18

Very pleasant & cool. Chored about. See to trains for Willie. Carried some potatoes, flour & c to Mrs. Maston & bought their hens, 15 & a rooster & a banty for 7.00 & 16 or 18 qts of milk. Have them in horse barn stable.

Wednesday 20

Very pleasant but cold & windy. Chored about. See to the trains for Willie in A.M. Went to Woonsocket & got a load of 1000 lbs Franklin coal for F. E. Paine. Bought his 21 hay caps & 5 Oyster cans. Sorted some apples this eve.



Thursday, Dec. 21, 1893

Very pleasant & warmer but windy. Chored about. Sold & put up 11 ½ bus apples & 1 of turnips for a boy from Woonsocket & carted 2 load of coal, 2550 lbs to Reed Newell & 1 bus apples. B. W. Tingley was down to see about coal. **Am here at Uncle Richardsons now at 10 o'clock to stay to night.**

Friday 22

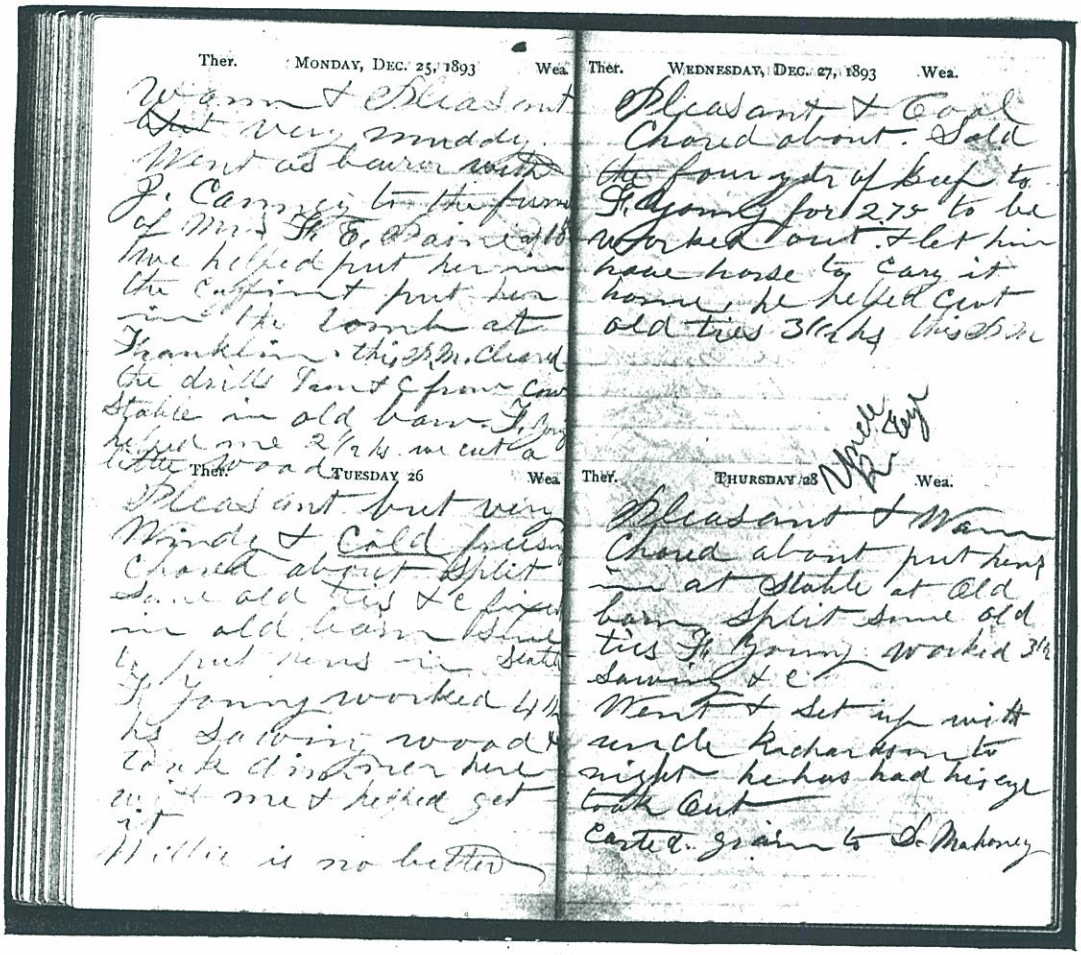
Warm & pleasant most the day, began to snow a little this eve. **Came home from Uncle Richardsons this morn** & chored about & Ad Blake & Fred came before noon & killed the old cow & dressed it. I helped some. I carted a load of 1000 lbs coal to D. Mahoney & 1 bus apples to S. D. Hunt.

Saturday, Dec. 23, 1893

Very warm & pleasant. Chored about. Skimmed milk. Got the beef in. Sawed some wood. Churned 4 lbs butter & c & c. F. Young helped me 3 hs _?_ churning & c to pay for liver & c., I sold him.

Sunday 24

Very warm & pleasant, muddy. About home all day. Elmer came with Johns horse & brought Ella. He went back to night.



Monday, Dec 25, 1893

Warm & pleasant but very muddy. Went as barer with J. Canney to the funeral of Mrs. F. E. Paine. We helped put her in the coffin & put her in the tomb at Franklin this P.M. Cleared the drills _?_ & c from cow stable in old barn. F. Young helped me 2 ½ hs. We cut a little wood.

Tuesday 26

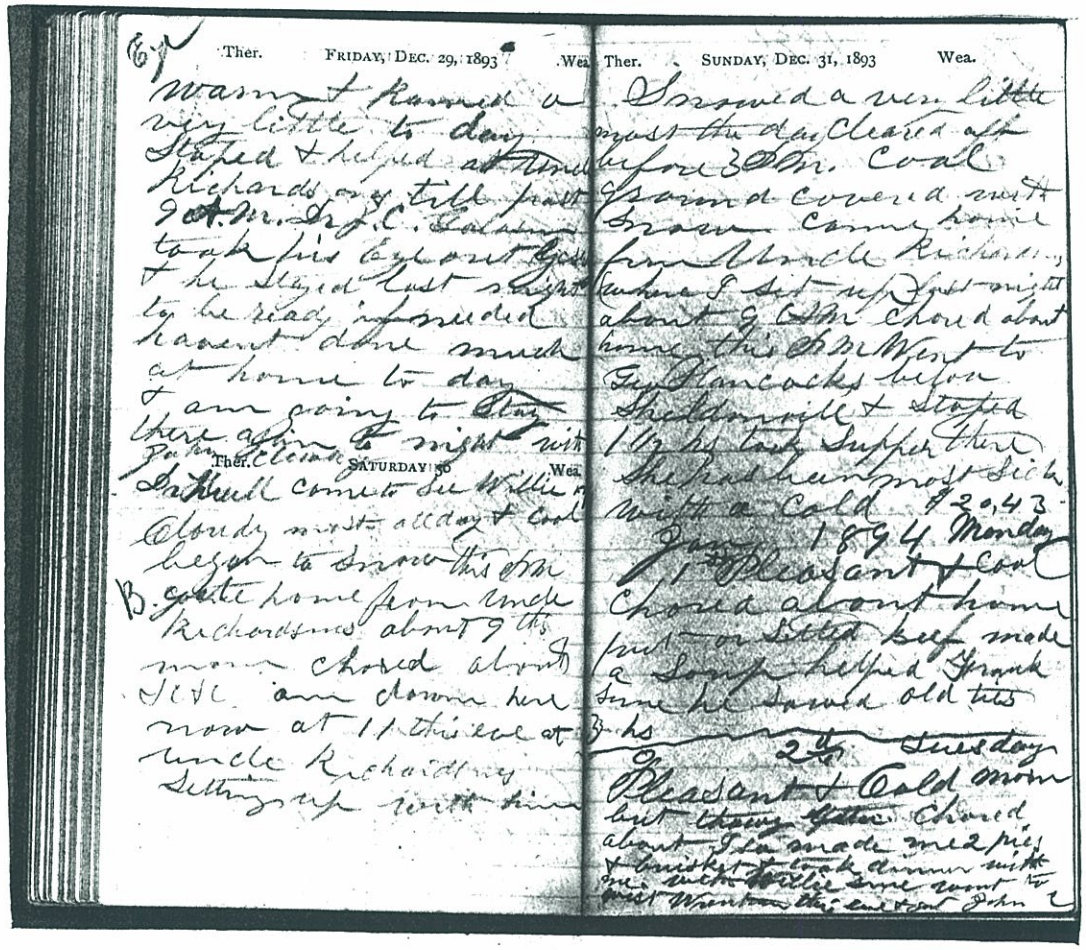
Pleasant but very windy & cold, freezing. Chored about. Split some old ties & c. Fixed in old barn some to put hens in stable. F. Young worked 4 ½ hs sawing wood & took dinner here with me & helped get it.
**Willie is no better.**

Wednesday, Dec 27, 1893

Pleasant & cool. Chored about. Sold the four qtr of beef to F. Young for 2.75 to be worked out & let him have horse to carry it home. He helped cut old ties 3 ½ hs this p.m.

Thursday 28

**Uncle R. eye**
Pleasant & warm. Chored about, put hens in at stable at old barn. Split some old ties. F. Young worked 3 ½ hs sawing & c.
**Went & set up with Uncle Richardson to night. He has had his eye taken out.**
Carted grain to D. Mahoney.



Friday, Dec. 29, 1893

Eye

Warm & rained a very little to day. Stoped nee& **helped at Uncle Richardson till past 9 a.m. Dr. J. C. Galison took his eye out yesterday & he stayed last night to be ready if needed.** Haven't done much at home to day & am going to stay there again to night with John Clewely. **Dr. Newell came to see Willie to day.**

Saturday 30

Cloudy most all day & cool. Began to snow this P.M. Got home from Uncle Richardsons about 9 this morn. Chored about & c & c. **Am down here now at 11 this eve at Uncle Richardson setting up with him.**

Sunday 31, 1893

Snowed a very little most the day, cleared off before 3 p.m. Cool. Ground covered with snow. Came home from Uncle Richardson (where I set up) last night about 9 A.M. Chored about home this P.M. Went to Geo. Hancocks before Sheldonville & stoped 1 ½ hs, took supper there. She has been most sick with a cold. $20.43

***Monday, Jan. 1, 1894**

Pleasant & cool. Chcored about home. Put or salted beef. Made a soup. Helped Frank some. He sawed old ties 3 hs.

Tuesday 2

0

Pleasant & cold morn but thawy later. Chored about. Isa made me 2 pies & brisket & took dinner with me, with Willie some. Went to West Wrentham this eve &got John C.

***Dates for 1984 are now written in by George.***

# 1894

All of the entries
hereafter were written
in the back of the
1893 diary

# AGE CHART /GEORGE WADSWORTH'S FAMILY

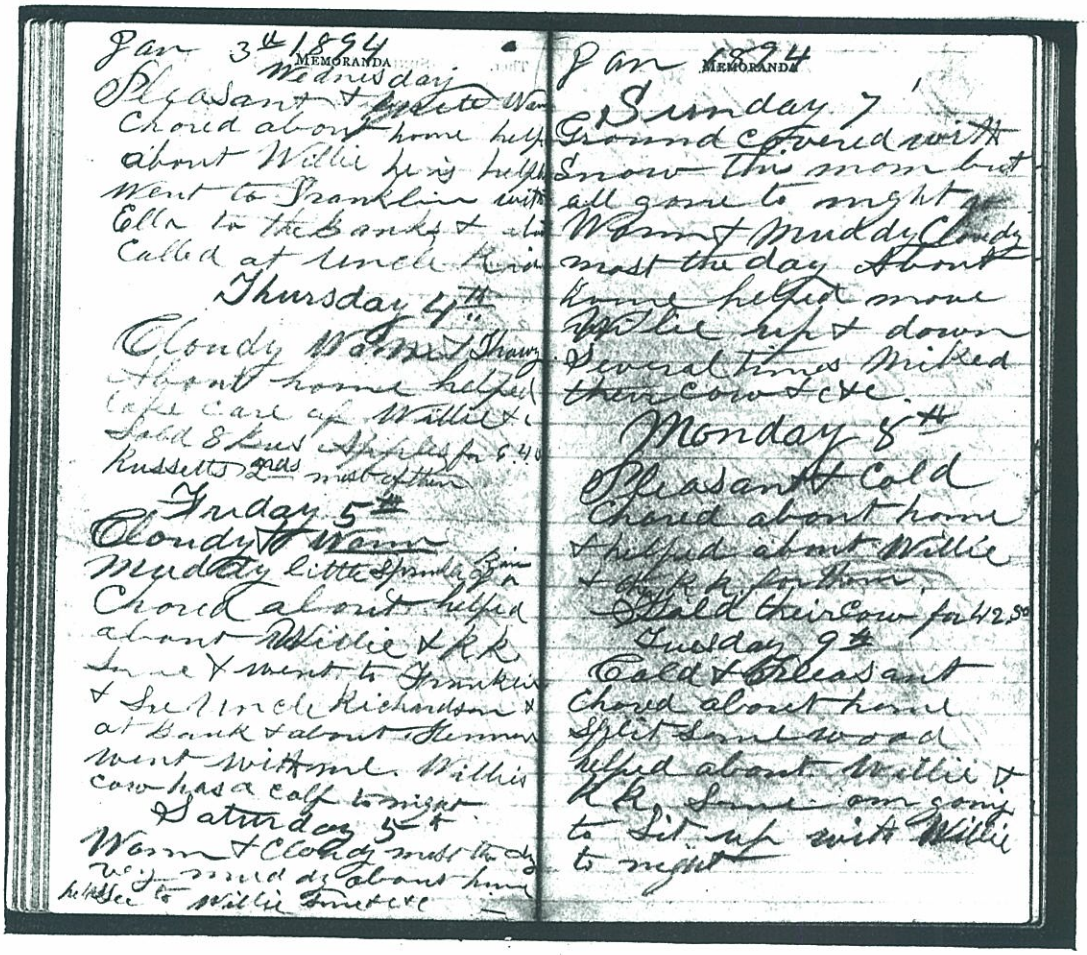
| YEAR | GEORGE W. | EMELINE M. | ELMER | ALVAH |
|---|---|---|---|---|
| | | | BORN NOV. 7, 1862 | BORN APRIL 19, 1867 |
| 1857 | 21 | | | |
| 1858 | 22 | 16 | | |
| 1859 | 23 | 17 | | |
| 1860 | 24 | 18 | | |
| 1861 | 25 | 19 | | |
| 1862 | 26 | 20 | | |
| 1863 | 27 | 21 | 1 | |
| 1864 | 28 | 22 | 2 | |
| 1865 | 29 | 23 | 3 | |
| 1866 | 30 | 24 | 4 | |
| 1867 | 31 | 25 | 5 | |
| 1868 | 32 | 26 | 6 | 1 |
| 1869 | 33 | 27 | 7 | 2 |
| 1870 | 34 | 28 | 8 | 3 |
| 1871 | 35 | 29 | 9 | 4 |
| 1872 | 36 | 30 | 10 | 5 |
| 1873 | 37 | 31 | 11 | 6 |
| 1874 | 38 | 32 | 12 | 7 |
| 1875 | 39 | 33 | 13 | 8 |
| 1876 | 40 | 34 | 14 | 9 |
| 1877 | 41 | 35 | 15 | 10 |
| 1878 | 42 | 36 | 16 | 11 |
| 1879 | 43 | 37 | 17 | 12 |
| 1880 | 44 | 38 | 18 | 13 |
| 1881 | 45 | 39 | 19 | 14 |
| 1882 | 46 | 40 | 20 | 15 |
| 1883 | 47 | 41 | 21 | 16 |
| 1884 | 48 | DIED OCT 12, 1882 | 22 | 17 |
| 1885 | 49 | PHTHISIS | 23 | 18 |
| 1886 | 50 | 41 YRS | 24 | 19 |
| 1887 | 51 | 6 MOS. | 25 | 20 |
| 1888 | 52 | 18 DAYS | 26 | 21 |
| 1889 | 53 | | 27 | 22 |
| 1890 | 54 | | 28 | 23 |
| 1891 | 55 | | 29 | 24 |
| 1892 | 56 | | 30 | 25 |
| 1893 | 57 | | 31 | 26 |
| **1894** | **58** | | **32** | **27** |
| | Died July 8, 1907 | | Died July 14, 1917 | |
| | Pernicious Anemia | | Pleuritis | |

Age Chart created by Susan L. Rice

# AGE CHART OF JOSEPH WADSWORTH'S FAMILY

| YEAR | JOS H. BORN 1826 | ABBIE (MEDCALF) BORN 2/19/35 | ABBIE J. B.10/2/1858 | FRANK J. B. 4/17/1861 | EMMA A. (YOUNG) BORN 7/12/1864 | WILLIAM L. | MARTHA E. | EVA L. |
|---|---|---|---|---|---|---|---|---|
| 1857 | MARRIED 31 | MARRIED 22 | | | | | | |
| 1858 | 32 | 23 | | | | Born | Born | Town Records |
| 1859 | 33 | 24 | 1 | | | 12/5/1866 | 1870 | Born |
| 1860 | 34 | 25 | 2 | | | | | 3/29/1877 |
| 1861 | 35 | 26 | 3 | | | | | |
| 1862 | 36 | 27 | 4 | 1 | | | | |
| 1863 | 37 | 28 | 5 | 2 | | | | |
| 1864 | 38 | 29 | 6 | B. 4/17/1861 | | | | |
| 1865 | 39 | 30 | 7 | D. 9/17/1863 | 1 | | | |
| 1866 | 40 | 31 | 8 | 2 YRS 5 MOS. | 2 | | | |
| 1867 | 41 | 32 | 9 | On Tombstone | 3 | 1 | | |
| 1868 | 42 | 33 | 10 | | 4 | 2 | | |
| 1869 | 43 | 34 | 11 | | 5 | 3 | | |
| 1870 | 44 | 35 | 12 | | 6 | 4 | | |
| 1871 | 45 | 36 | 13 | | 7 | 5 | 1 | |
| 1872 | 46 | 37 | 14 | | 8 | 6 | 2 | |
| 1873 | 47 | 38 | 15 | | 9 | 7 | 3 | |
| 1874 | 48 | 39 | 16 | | 10 | 8 | 4 | |
| 1875 | 49 | 40 | 17 | | 11 | 9 | 5 | |
| 1876 | 50 | 41 | 18 | | 12 | 10 | 6 | |
| 1877 | 51 | 42 | 19 | | 13 | 11 | 7 | |
| 1878 | 52 | 43 | 20 | | 14 | 12 | 8 | 1 |
| 1879 | 53 | 44 | 21 | | 15 | 13 | 9 | 2 |
| 1880 | 54 | 45 | 22 | | 16 | 14 | 10 | 3 |
| 1881 | 55 | 46 | 23 | | 17 | 15 | 11 | 4 |
| 1882 | 56 | 47 | 24 | | 18 | 16 | 12 | 5 |
| 1883 | 57 | 48 | 25 | | 19 | 17 | 13 | 6 |
| 1884 | 58 | 49 | 26 | | 20 | 18 | 14 | 7 |
| 1885 | 59 | 50 | 27 | | 21 | 19 | 15 | 8 |
| 1886 | 60 | 51 | 28 | | 22 | 20 | 16 | 9 |
| 1887 | 61 | 52 | 29 | | 23 | 21 | 17 | 10 |
| 1888 | 62 | 53 | 30 | | 24 | 22 | 18 | 11 |
| 1889 | 63 | 54 | 31 | | 25 | 23 | 19 | 12 |
| 1890 | 64 | 55 | 32 | | 26 | 24 | 20 | 13 |
| 1891 | Died | 56 | 33 | | 27 | 25 | 21 | 14 |
| 1892 | 11/21/90 | 57 | 34 | | 28 | 26 | 22 | 15 |
| 1893 | HEART DISEASE 64YR 5 M 23 D | 58 | 35 | | 29 | 27 | 23 | 16 |
| **1894** | | **59** | **36** | | **30** | **28** | **24** | **17** |
| 1895 | | 60 | 37 | | 31 | Town Records | 25 | 18 |
| 1896 | | 61 | 38 | | 32 | Died | 26 | 19 |
| 1897 | | 62 | 39 | | 33 | 1/15/94 | 27 | 20 |
| 1898 | | 63 | 40 | | 34 | HYPERTROPHY OF HEART | 28 | 21 |

Age Chart created by Susan L. Rice



Wednesday, Jan. 3, 1894

Pleasant & quite warm. Chored about home. **Helped about Willie. He is helpless.** Went to Franklin with Ella to the Bank & about. Called at Uncle Richardson.

Thursday 4

Cloudy, warm & thawy. About home. **Helped about Willie** & c. Sold 8 Bus apples for 6.40, Russetts, 2nds most of them.

Friday 5

Cloudy & warm, muddy, little sprinkle of rain. Chored about. **Helped about Willie** & R.R. some & went to Franklin & see Uncle Richardson & at back & about. Hermon went with me. **Willies cow has a calf to night**.

Saturday 6

Warm & cloudy most the day. Very muddy. About home. **Helped see to Willie** some & c & c.

Sunday, Jan. 7, 1894

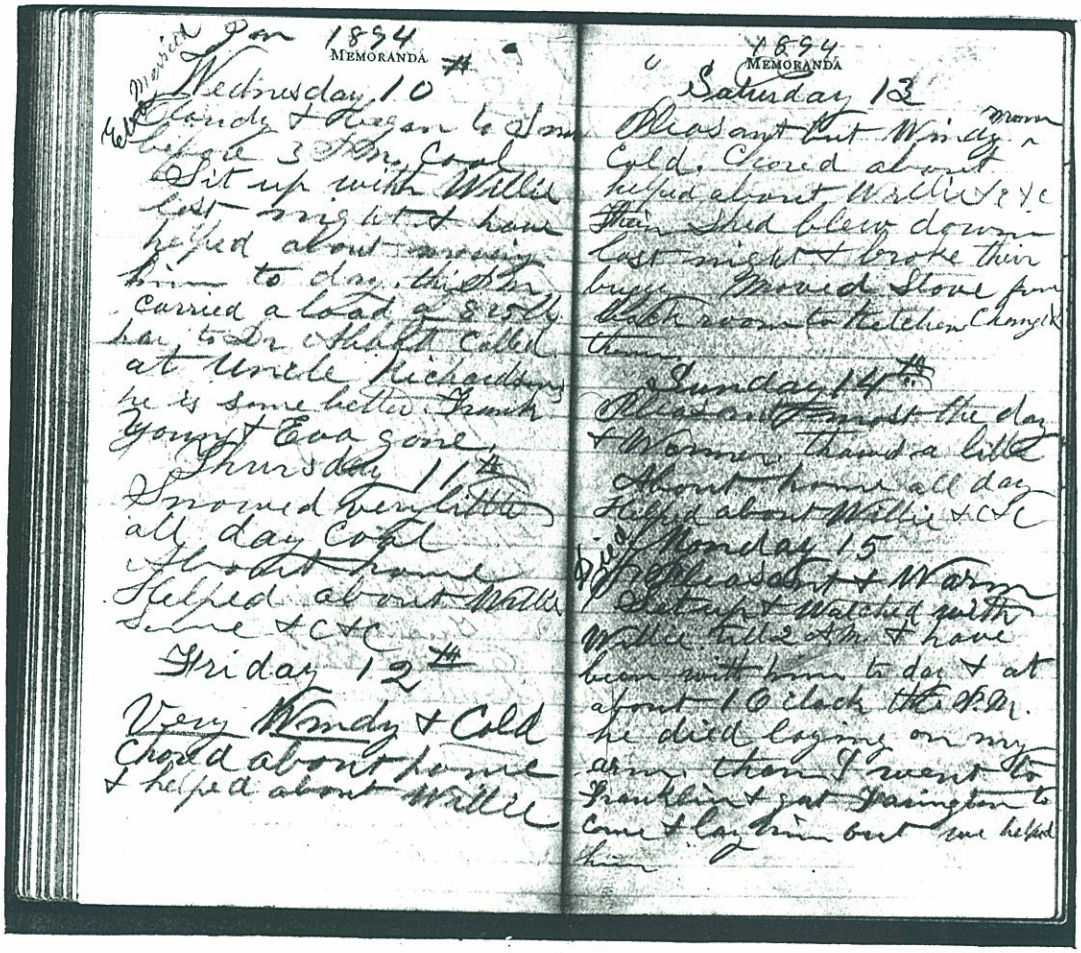
Ground covered with snow tis morn but all gone to night. Warm & muddy, cloudy most the day. About home. **Helped move Willie up & down several times**. Milked their cow & c & c.

Monday 8

Pleasant & cold. Chored about home **& helped about Willie** & at R.R. for them. Sold their cow for 42.30.

Tuesday 9

Cold & pleasant. Chored about home. Split some wood. **Helped about Willie & R.R. some. Am going to sit up with Willie to night.**



Wednesday, Jan. 10, 1894

**Eva married**

Cloudy & began to snow before 3 p.m. Cool. Sit up with Willie last night & have helped about moving him to day. This p.m., carried a load of 825 lbs hay to Dr. Abbott. Called at Uncle Richardson. He is some better. Frank Young & Eva gone.

Thursday 11

Snowed very little all day, cool About home. **Helped about Willie some & c & c.**

Friday 12

Very windy & cold. Chored about home **& helped about Willie**.

Saturday, Jan 13, 1894

Pleasant but windy morn, cold. Chored about. Helped about Willie & c & c. **Their shed blew down last night & broke their buggy.** Moved stove from back room to kitchen, changed them.

Sunday 14

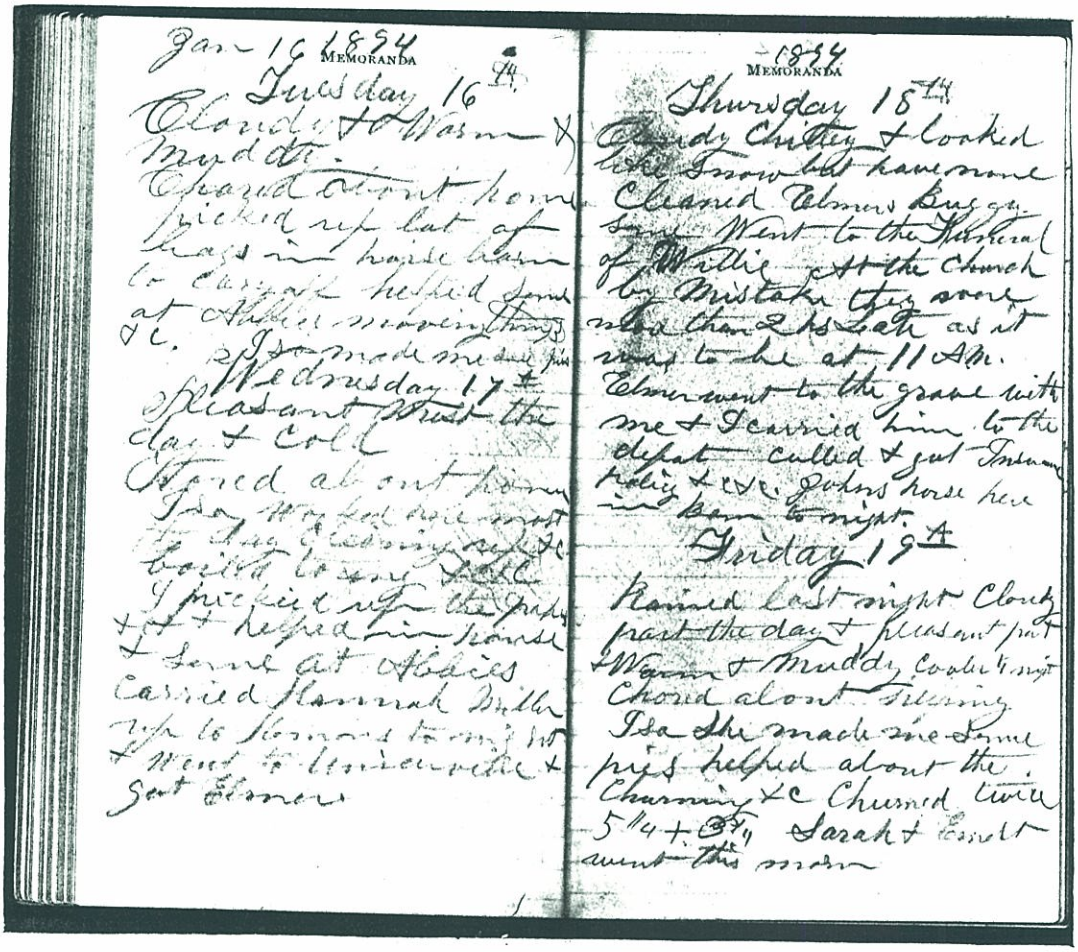
Pleasant most the day & warm, thawed a little. About home all day. **Helped about Willie** & c & c.

Monday 15

**Died**

Pleasant & warm. **Set up & watched with Willie till 2 A.M. & have been with him today & at 1 o'clock this p.m. he died laying on my arm, than I went to Franklin & got Farington to come & lay him out. We helped him.**

*Ed. note: Franklin's Vital Statistics reports Willie L. Wadsworth died January 15, 1894 of Hypertrophy of heart, 27 years, 1 month, 10 days.* ***There was no mention in any of the local newspapers of Willie's death.***



Jan 16 1894 MEMORANDA

Tuesday 16th

Cloudy & Warm & Muddy.
Chored about home
picked up lot of
hay in horse barn
to carry off. helped some
at Abbies moving things
&c. Isa made me some pies

Wednesday 17th

Pleasant most the
day & Cold
Chored about home
Isa worked here most
the day cleaning up &c
boiled some &c &c
I picked up the pies
&c & helped in house
& some at Abbies
Carried Hannah Mill
up to Hermons to night
& went to Unionville &
got Elmer

1894 MEMORANDA

Thursday 18th

Cloudy Chilley & looked
like Snow but have none
Cleaned Elmers Buggy
some Went to the Funeral
of Willie at the Church
by Mistake they were
more than 2 hs late as it
was to be at 11 AM.
Elmer went to the grave with
me & I carried him to the
depot called & got Insurance
policy &c &c. Johns horse here
in barn to night.

Friday 19th

Rained last night Cloudy
part the day & pleasant part
Warm & Muddy Cooler to night
Chored about helping
Isa She made me some
pies helped about the
Churning &c Churned twice
5¼ & 3¼ Sarah & Ernest
went this morn

Tuesday, Jan 16, 1894

Cloudy & warm & muddy. Chored about home. Picked up a lot of hay in horse barn to carry off. ***Helped some at Abbies, moving things & c**. Isa made me some pies.

Wednesday 17

Pleasant most the day & cold. Chored about home. Isa worked here most the day cleaning up & c. Boiled _?_ & c & c. I picked up the _?_ & c & helped in house & some at Abbies. Carried Hannah Mill up to Hermons to night & went to Unionville & got Elmer.

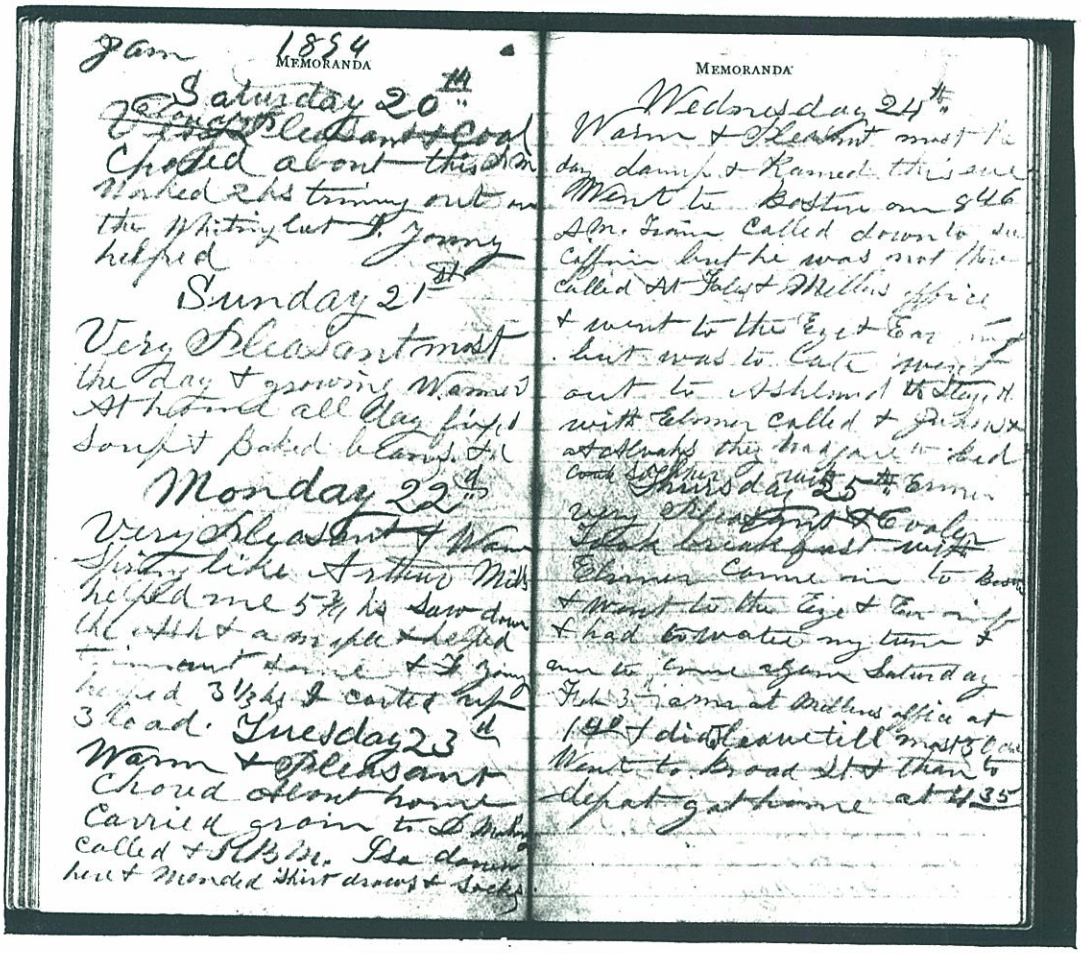
***Abbie (Wadsworth) is Willie's mother & George's sister-in-law.***

Thursday, Jan 18, 1894

Cloudy, chilley & looked like snow but have none. Cleaned Elmer's Buggy some. **Went to the Funeral of Willie at the church. By mistake they were more than 2 hs late, as it was to be at 11 a.m.** Elmer went to the grave with me & I carried him to the depot. Called & got Insurance policy & c & c. Johns horse here in barn to night.

Friday 19

Rained last night, cloudy part the day & pleasant part. Warm & muddy, cooler to night. chored about helping Isa. She made me some pies. Helped about the churning & c. Churned twice 5 ¼ & 3 ¼. Sarah & Ernest went this morn.



Saturday, Jan. 20, 1894

Cloudy & very pleasant & cool. Chored aqbout this P.M. Worked 2 hs trimming out of the Whiting lot. F. Young helped.

Sunday 21

Very pleasant most the day & growing warmer. At home all day. Fixed soup & baked beans & c.

Monday 22

Very pleasant & warm, spring like. Arthur Miller helped me 5 ¾ hs saw down the ash & a maple & helped trim out some & F. Young helped 3 1/3 hs. I carted up 3 load.

Tuesday 23

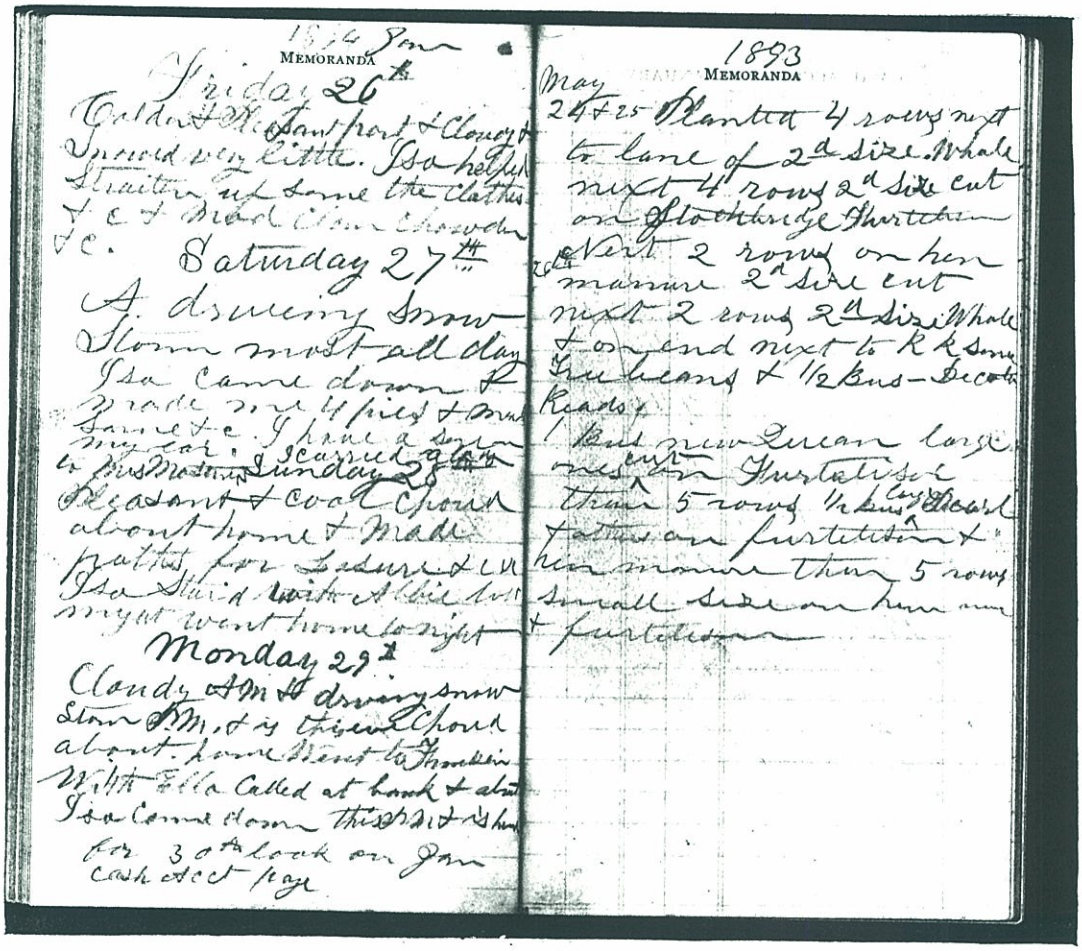
Warm & pleasant. Chored about home. Carried grain to D. Mahoney. Called at H.B.M. Isa down here & mended shirt, draws & socks.

Wednesday, Jan 24, 1894

Warm & Pleasant most the day, damp & rained this eve. Went to Boston on 8:46 A.M. train. Called down to see coffin but he was not there. Called at Fales & Millens office **& went to the eye & ear inf., but was to late**. Went out to Ashland & stayed with Elmer. Called at John & Alvahs. They had gone to _?_ with _?_.

Thursday 25

Very pleasant & cooler. Took breakfast with Elmer. **Came in to Boston & went to the Eye & Ear inf. & has to wait my turn & am to come again Saturday, Feb. 3**. Am at Millens office at 1:40 & didn't leave till most 3 o'clock. Went to Broad St. & then to depot. Got home at 4:35.



Friday, Jan. 26, 1894

Colder & pleasant, part & cloudy & snowed very little. Isa helped straiten up some the clothes & c & made clam chowder & c.

Saturday 27

A driving snow storm most all day. Isa came down & made me 4 pies & mended some & c. **I have a sore on my ear.** I carried a lady to Mrs. Mastins.

Sunday 28

Pleasant & cool, chored about home & made paths for Leasure & c. Isa staid with Abbie last night. Went home to night.

Monday 29

Cloudy a.m. & driving snow storm p.m. & is this eve. Chored about home. Went to Franklin with Ella. Called at back & about. Isa came down this p.m. & is here.

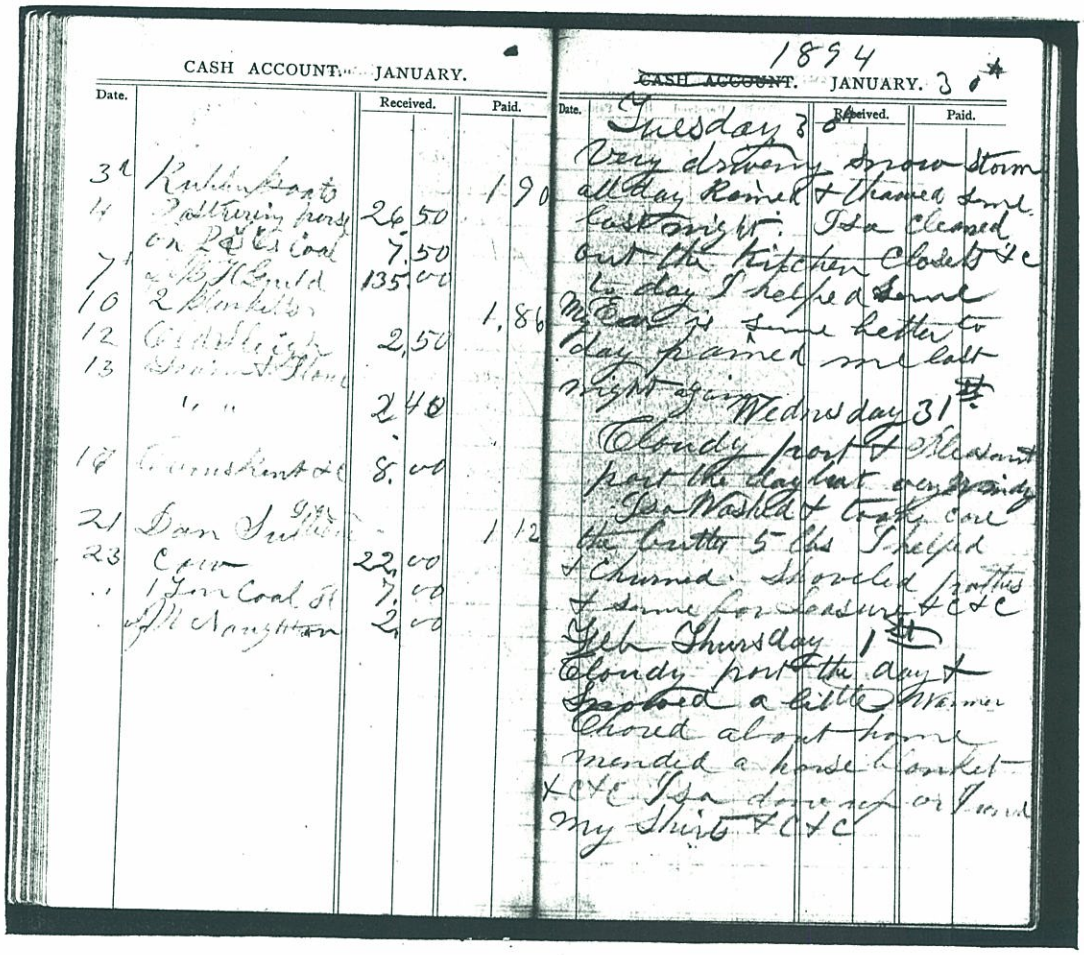
**For 30th look on Jan cash acct., page**

1893

May

24 & 25 Planted 4 rows next to lane of 2d size whale next 4 rows 2d size cut on Stockbridge _?_

Next 2 rows on hen manure 2d size cut
Next 2 rows 2d size whale & on end next to R.R. some tree beans & ½ bus – Decota Rads
1 bus new quean large one cut on Furtalisor than 5 rows ½ bus large pearl & others on furtilisor & hen manure than 5 rows small size on hen manure & furtilisor.



CASH ACCOUNT. JANUARY.

| Date. | | Received. | Paid. |
|---|---|---|---|
| 31 | Rubber boots | | 1 90 |
| 4 | Pasturing horse | 26 50 | |
| | on R & E's coal | 7 50 | |
| 7 | [illegible] | 135 00 | |
| 10 | 2 blankets | | 1 86 |
| 12 | [illegible] | 2 50 | |
| 13 | [illegible] | | |
| | " " | 2 40 | |
| 18 | [illegible] | 8 00 | |
| 21 | Dan Sullivan | | 1 12 |
| 23 | Cow | 22 00 | |
| " | 1 Jan Coal | 7 00 | |
| " | [illegible] | 2 00 | |

1894

~~CASH ACCOUNT.~~ JANUARY. 30

| Date. | | Received. | Paid. |
|---|---|---|---|
| | Tuesday 30 | | |
| | Very driving snow storm | | |
| | all day Rained & thawed some | | |
| | last night. Isa cleared | | |
| | out the kitchen Closets &c | | |
| | to day I helped some | | |
| | My Ear is some better to | | |
| | day pained me last | | |
| | night again Wednesday 31st | | |
| | Cloudy part & Pleasant | | |
| | part the day but very windy | | |
| | Isa Washed & took care | | |
| | the butter 5 lbs I helped | | |
| | & churned. Shoveled paths | | |
| | & some for Leasure &c &c | | |
| | Feb Thursday 1st | | |
| | Cloudy part the day & | | |
| | Snowed a little Warmer | | |
| | Chored about home | | |
| | mended a horse blanket | | |
| | &c &c Isa done up or Ironed | | |
| | my Shirts &c &c | | |

Tuesday, Jan. 30, 1894

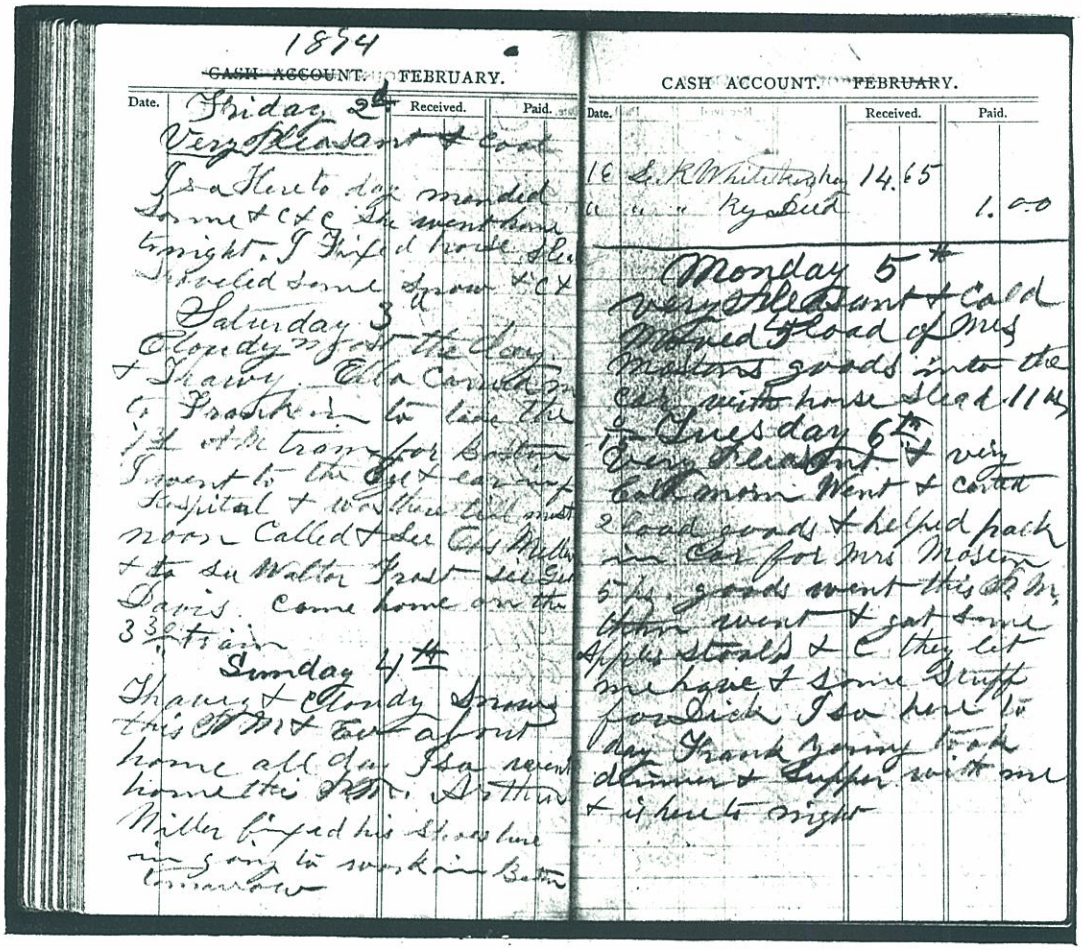
Very driving snow storm all day. Rained & thawed some last night. Isa cleared out the kitchen closets & c. **My ear is some better to day. Pained me last night.**

Wednesday 31

Cloudy part & pleasant part the day but very windy. Isa washed & took care the butter, 5 lbs. I helped & churned. Shoveled paths & some for Leasure & c & c.

Thursday, Feb. 1, 1894

Cloudy part the day & snowed a little, warmer. Chored about home. Mended a horse blanket & c & c. Isa done up or ironed my shirts & c & c.



1894

~~CASH ACCOUNT.~~ FEBRUARY.

| Date. | | Received. | Paid. |
|---|---|---|---|
| Friday 2nd | Very pleasant & cold Isa here to day mended some & c & c She went home to night. I fixed horse sled. Shoveled some snow & c & c | | |
| Saturday 3rd | Cloudy most the day & thawy. Ella carried me to Franklin to take the 7:31 train for Boston. I went to the Eye & ear Inf. Hospital & was there till most noon. Called & see Chs Millar & to see Walter Frost see Geo Davis. Come home on the 3:30 train | | |
| Sunday 4th | Thawy & cloudy snows this P.M. & Eve about home all day Isa went home this P.M. Arthur Miller fixed his shoes here is going to work in Boston tomorrow | | |

CASH ACCOUNT. ~~FEBRUARY~~.

| Date. | | Received. | Paid. |
|---|---|---|---|
| 10 | S. K. Whitcomb | 14.65 | |
| " | " " Ry Sect | | 1.00 |
| Monday 5th | Very pleasant & cold Moved 5 load of Mrs Mastons goods into the car with horse sled 11 hs | | |
| Tuesday 6th | Very pleasant & very cold morn Went & carted 2 load goods & helped pack in car for Mrs Masten 5 hs. goods went this P.M. then went & got some apples & c they let me have & some stuff for Keck Isa here to day Frank Young took dinner & supper with me & is here to night | | |

Friday, February 2, 1894

Very pleasant & cool. Isa here to day, mended some & c & c. She went home to night. I fixed horse slead. Shoveled some snow & c & c.

Saturday 3

Cloudy most the day & thawy. Ella carried me to Franklin to take the 7:31 a.m. train for Boston. **I went to the Eye & ear Inf. Hospital & was there till most noon.** Called & see Chs. Millar & to see Walter Frost, see Geo Davis. Came home on the 3:30 train.

Sunday 4

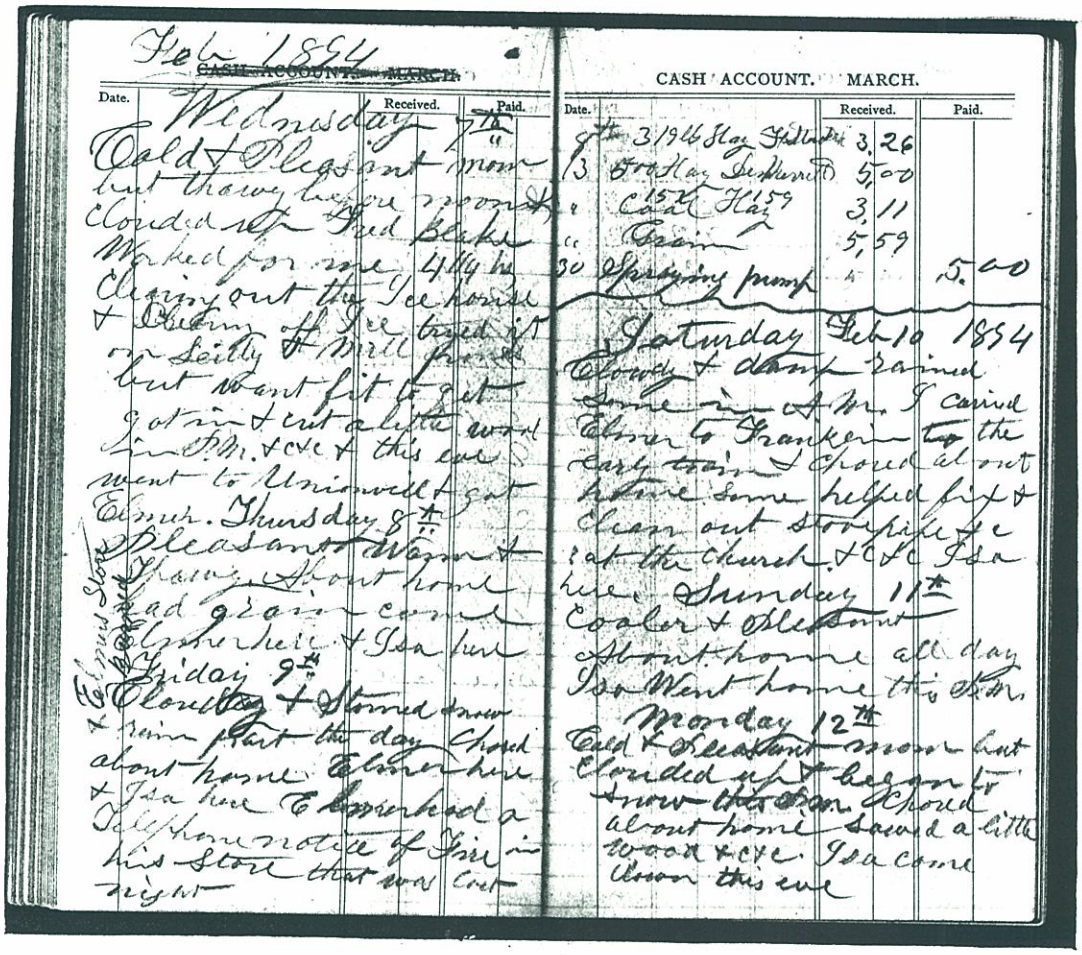
Thawy & cloudy, snows this p.m. & Eve. About home all day. Isa went home this p.m. Arthur Miller fixed his shoes here, is going to work in Boston tomorrow.

Monday, Jan. 5, 1894

Very pleasant & cold. Moved 5 load of Mrs. Mastons goods into the car with horse, 11 hs.

0/15 Tuesday 6

Very pleasant & very cold morn. Went & carted 2 load goods & helped pack in car for Mrs. Masten, 5 hs. Goods went this p.m., than went & got some apples _?_ & c they let me have & some stuff for Keck. Isa here to day. Frank Young took dinner & supper with me & is here to night.



Wednesday, Feb. 7, 1894

Cold & pleasant morn but thawy before noon & clouded up. Fred Blake worked for me 4 ¼ hs cleaning out the ice house & clearing off ice. Tried it on Lilly & Mill ponds but wont fit to get. Got in & cut a little wood in p.m. & c & c. & this eve went to Unionville & got Elmer.

Thursday 8

Pleasant & warm & thawy. About home. Had grain come. Elmer here & Isa here.

Friday 9

**Elmer's store burned**

Cloudy & stormed snow & rain part the day. Chored about home. Elmer here & Isa here. **Elmer had a telephone notice of Fire in his store that was last night**.

Saturday, Feb. 10, 1894

Cloudy & damp, rained some in a.m. I carried Elmer to Franklin to the early train & chored about home some. Helped fix & clean out stove pipe & c. at the church & c & c. Isa here.

Sunday 11

Cooler & pleasant. About home all day. Isa went home this p.m.

Monday 12

Cold & pleasant morn but clouded up & began to snow this p.m. Chored about home. Sawed a little wood & c & c. Isa came down this eve.

# Elmer Wadsworth's Store Fire

## Milford Daily News

February 9, 1894

### ASHLAND.

The board of registrars will be in session at Town hall tonight from 7 till 9

A sleighing party from South Framingham took supper at the Central House last night.

The Boys' Brigade of the Methodist church took a sleigh ride Wednesday afternoon to Natick.

An alarm of fire rung in at 8 10 p. m., last night, called the department to the Wadsworth dry goods store on Main street. The blaze was caused by the explosion of a lamp, and did damage to the extent of $500; fully covered by insurance. Mrs. Geo. Thayer, who was in the store at the time received several burns in trying to throw the lamp into the street. The building is owned by the J. N. West heirs, and was slightly damaged; covered by insurance.

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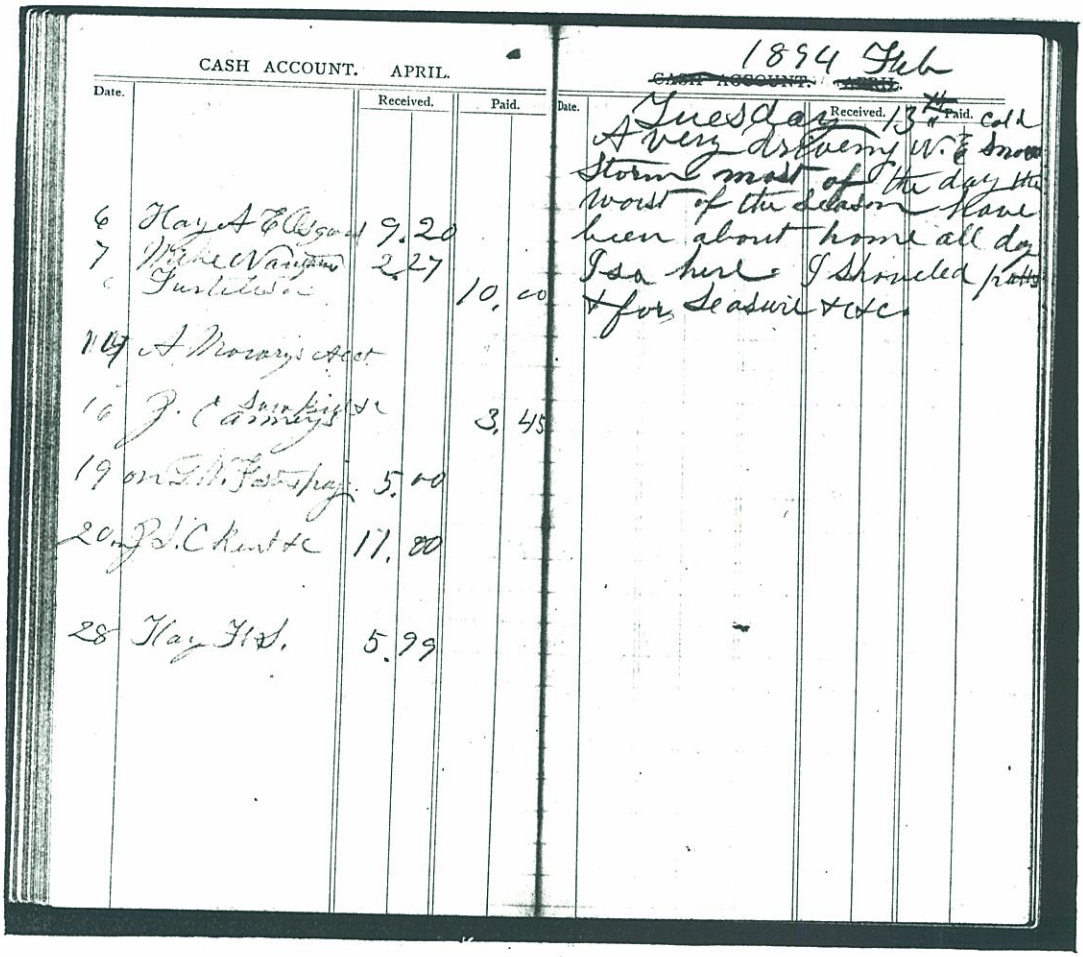

CASH ACCOUNT. APRIL.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 6 | Hay A T Wagon | 9. | 20 | | |
| 7 | Mrs C Vaughan Furniture | 2. | 27 | 10. | 00 |
| 10 | A Morris acct | | | | |
| 16 | J. Cammys &c | | | 3. | 45 |
| 19 | on T.H. Fostyay | 5. | 00 | | |
| 20 | P.J. Cluett &c | 17. | 80 | | |
| 28 | Hay F.H.S. | 5. | 99 | | |

1894 Feb

~~CASH ACCOUNT. APRIL.~~

| Date. | | Received. | Paid. |
|---|---|---|---|
| | Tuesday 13th cold A very driving N.E. Snow Storm most of the day the worst of the season have been about home all day Isa here I shoveled paths & for Leasure &c | | |

Tuesday, Feb. 13, 1894

A very driving N. E. Snow storm most of the day. The worst of the season. Have been about home all day. Isa Here. I shoveled paths & for Leasure & c & c.

## CASH ACCOUNT. MAY.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 1 | [illegible] | | | | |
| | W. Clark | | | 3. | 1[illegible] |
| | G. C. Fisher | | | 3 | |
| | S. Hubbard | | | 3 | 1[illegible] |
| | Allen Newell | | | | |
| 1-2 | M. McDaniel | | | 3. | [illegible] |
| | F. Stackhouse | | | | |
| 2 | Lemons | | | | 7[illegible] |
| | Tickets | | | | |
| 3 | S. Hubbard | | | 2. | 0[illegible] |
| " | Allen Newell | | | 2. | 0[illegible] |
| | Tickets | | | 3 | 20 |
| 22 | Letterhead | | | | 8[illegible] |
| 23 | A Canny Stamps | | | 1 | 9[illegible] |
| 27 | M M Daniel Hay | 9 | 14 | | |

## CASH ACCOUNT. MAY.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|

## CASH ACCOUNT. JUNE.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 8 | Sam Blowight | | | 75 | |

## CASH ACCOUNT. JUNE.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| | 25 of J Lower | 5. | 75 | | |

CASH ACCOUNT. SEPTEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 12 | Insurance | | | 11 | 5 |
| | Ka L.R.N. | 12 | 21 | | |
| | Russell's Bill | | | 13 | 5 |

CASH ACCOUNT. SEPTEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| | | | | | |

CASH ACCOUNT. OCTOBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| | Hunter Coal | 17 | 00 | | |
| 27 | [illegible] | | | 75 | |

CASH ACCOUNT. OCTOBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| | | | | | |

CASH ACCOUNT. NOVEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 21 | Temperance Fund | 55, | 89 | | |

CASH ACCOUNT. NOVEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 23 | Seth Blake | | | 4, | 00 |
| 25 | For Fund | 50, | 00 | | |
| " | of Bethankster | 7, | 00 | | |

CASH ACCOUNT. DECEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|

CASH ACCOUNT. DECEMBER.

| Date. | | Received. | | Paid. | |
|---|---|---|---|---|---|
| 23 | J. J. W. Cussins | 16. | 88 | | |
| 24 | R. Boots | | | 2. | 37 |
| 26 | Keg & wrapper Coal & Apples | 26, | 80 | | |

## BILLS PAYABLE. DECEMBER.

| Date. | NAME. | Dollars. | Cts. |
|---|---|---|---|
| 1 | Thomas & Kirkin | 33 | 55 |
| " | A. Mowry & Co | 16. | 22 |
| 21 | W. T. Rockwood | 55 | 86 |
| 29 | A. Mowry & Co | 8. | 44 |
| Dec 1 | " " " | 20. | |
| " 11 | " " | 15. | |
| " 27 | " " | 15 | |
| 1894 Jan 3d | N. Y. & Bos. R.R. | 19 | 52 |
| | 549.66 | 281. | 05 |
| | 281.05 | | |
| | RECEIVABLE. | | |
| | 268.61 | | |

## Deposits MEMORANDA. in Franklin 1893

| Date. | | Dollars. | Cts. |
|---|---|---|---|
| Feb | National Bank | | |
| 11 | Check 3.03 + Cash = | 115. | — |
| 16 | " 11.51 15.00 = | 26. | 51. |
| March | " 30.75 " 5 = | 35. | 75 |
| " 24 | " = | 86 | 01 |
| April 21 | | 56. | 49 |
| May 1 | " 4 checks | 36. | 37 |
| " 17 | 3 " | 31 | 50 |
| " 25 | " " Cash | 33. | 50 |
| Aug 11 | | 28 | 87 |
| | | 450. | 00 |
| | | 387 | 55 |
| | | 62 | 45 |
| 17 | | 24 | 00 |
| Oct 6 | | 30. | 00 |
| " 27 | | 97 | 04 |
| " 31 | | 33. | 16 |
| Nov 7 | | 38 | 30 |
| " 15 | | 77 | 39 |
| " 23 | | 29 | 81 |
| " 29 | | 49. | 45 |
| Dec 1 | | 27 | 24 |
| " 2 | | 70 | 88 |
| 1894 Jan 3d | | 10 | — |
| | | 549. | 66 |

## Checks MEMORANDA. Given

| Date. | | Dollars. | Cts. |
|---|---|---|---|
| Feb | On Franklin National Bank | | |
| 13th | A. Mowry & Co | 20. | 00 |
| 20 | Elmer M. Wadsworth | 100. | 00 |
| March 10 | A. Mowry & Co | 18. | 00 |
| 11 | Mary Marston | 15. | 00 |
| 22 | A. Mowry & Co | 15. | 00 |
| April 10 | E. M. Wadsworth | 43. | 35 |
| 14 | A. Mowry & Co | 10. | 68 |
| " | J. E. Edge | 7. | 57 |
| 20 | A. Mowry & Co | 22. | 00 |
| May 10 | Arthur Gamet & Co | 12. | 95 |
| " | A. Mowry & Co | 17. | 00 |
| 12 | M. T. Norris | 4. | 00 |
| June | A. Mowry & Co | 20. | 00 |
| July 14 | A. Mowry & Co | 15. | 00 |
| 24 | A. Mowry & Co | 10. | 00 |
| 27 | Hook Mutual | 35. | 00 |
| " | Elmer M. Wadsworth | 22. | 00 |
| | | 387 | 55 |
| Aug 17 | A. Mowry & Co | 15. | 00 |
| 26 | " " " | 13. | 44 |
| Sept 1st | Mary Marston | 17. | 00 |
| 13 | A. Mowry & Co | 15. | 00 |
| Oct 5th | P. C. Hammond | 25. | 14 |
| " 10 | A. Mowry & Co | 12. | 00 |
| | | 354. | 58 |

## ADDRESSES.

NAME. Arthur Miller Works
STREET, No. 287 Devonshire
CITY. Boston Brockerson

NAME. A. E. Osgood
STREET, No.
CITY. Franklin Mass

NAME. D. B. Allen
STREET, No. 325 Washington
CITY. Boston Mass

NAME. Chas. G. Calendar Cat
STREET, No. 222 Washington St
CITY. Boston

NAME. Tide Water Oil Co.
STREET, No. 5, 7, 9 & 11 Custom House
CITY. Boston

NAME. Noah E. Wadsworth
STREET, No. Box 161
CITY. Seattle Washington

NAME. Arthur O. Miller Franklin
STREET, No. 10 Edinboro St
CITY. Boston

NAME.
STREET, No. 33 Edinboro St
CITY.

ADDRESSES.

NAME. May 5th 1890 was
STREET, No. Pte K. K. Coolt
CITY. with Geo Gaskill

NAME. A. M. Allerton
STREET, No. 15 State
CITY.

NAME.
STREET, No.
CITY.

NAME.
STREET, No.
CITY.

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STREET, No.
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STREET, No.
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NAME.
STREET, No.
CITY.

1893

ADDRESSES.

NAME. 6 Peach Trees
STREET, No. Recd April 28th
CITY. 1 Early Crawford

NAME. 1 Early Canada
STREET, No. 1 Foster
CITY.

NAME. 1 Lord Palmerston
STREET, No. 1 Stevens Rarip
CITY. 1 Waterloo

NAME.
STREET, No.
CITY. Convention of

NAME. G.W. Foster Ice box
STREET, No. 18 inches Long 13 in Wide
CITY. 10 deep

NAME. Judge Lowry
STREET, No.
CITY. Co Ellen Sound

NAME. Jas White
STREET, No. 169 Hayland Avenue
CITY. Paterson N.J.

NAME. Frank Goyer
STREET, No. 38 So Main
CITY. Woonsocket

NAME. Geo Coffin
STREET, No. 14 Atlantic Aven
CITY. Bedford Mass

ADDRESSES.

NAME. Allen Sons
STREET, No. 15 State
CITY.

NAME.
STREET, No. 50 Broad
CITY.

NAME. D. B. Allen
STREET, No. 325 Washington St
CITY. Boston

NAME. Allen
STREET, No. 285 Washington
CITY. Boston

NAME. Continental Hotel
STREET, No. 53 Summer
CITY.

NAME. Thascal & Co. Wagon
STREET, No. 54 + 56 Cornhill
CITY. #234 + 238

NAME.
STREET, No.
CITY.

NAME.
STREET, No.
CITY.